The database on Graphical Symbols for Use on Equipment contains the complete set of graphical symbols included in IEC 60417 and ISO 7000. It therefore offers end-users a "one-stop" shop for all such graphical symbols. These International Standards are maintained respectively by IEC/TC 3, subcommittee SC 3C and ISO/TC 145, subcommittee SC 3.

Each graphical symbol is identified by a reference number and contains a title (in English and French), a graphical representation in GIF and vectorized PDF format, and some additional data as applicable. Various search and navigation facilities allow for easy retrieval of graphical symbols.

## Subscriptions

Customers have the possibility to subscribe to the joint IEC and ISO collection of symbols or to each respective organization's symbols only.

Joint IEC 60417 and ISO 7000 collection
The most cost effective solution is the combined collection which offers the IEC 60417 and ISO 7000 collections in database format, with the possibility to download IEC 60417 snapshots or the ISO 7000 standard in PDF format. In order to subscribe please contact your local IEC National Committee/approved sales outlet or local ISO member, or visit the IEC Webstore or the ISO Store.

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## Localized versions

In addition to the international standard IEC 60417 maintained by IEC/TC 3, subcommittee SC 3C, IEC also hosts localized versions of IEC 60417 maintained under the responsibility of the respective National Committee. The following localized version is currently available:

Japanese

## Queries and comments

Please send any queries or comments to the IEC Customer Service Centre or to ISO Customer Services.

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## Introduction

The database is organized as a set of "data sheets" describing the graphical symbols and their attributes. Please click on "General description" on the left panel to see how the database is structured and how to use graphical symbols.

IEC 60417 is used as a reference by the following IEC member countries:
Austria, Belgium, Canada, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Ireland, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland, Ukraine, United Kingdom

## Languages

The database is bilingual with all symbol data available in English and French (not always true for ISO 7000 graphical symbols). While viewing a symbol data sheet you can switch back and forth between the two languages.

## Links

All items in blue represent links to other elements or to specific action.

## Finding a symbol

The database provides two methods for finding a symbol:

1. Search function (top right of each page)

You can combine two search terms with a boolean "AND", "OR" or "NOT" operator.

## 2. Categorized views

Symbols are categorized by symbol ID, name, keyword, shape, function, application, TC/SC, publication and status. Some of the views are presently not available for ISO 7000 graphical symbols.

## Snapshots

Snapshots of the database contents are made available for reference purposes in PDF format. Please click on "Snapshots" in the left panel for further information.

## Submitting proposals for change requests

The maintenance process for any changes to this joint IEC 60417 and ISO 7000 database, either for the inclusion of a new graphical symbol or a change to existing graphical symbols should be initiated by a change request (CR). Details are defined in the ISO/IEC Directives (IEC specific procedures, Annex SL for IEC 60417 symbols, and ISO specific procedures, Annex ST for ISO 7000 symbols).

In drafting technical content that may be included in the CR, please refer to IEC 80416-1, Basic principles for graphical symbols for use on equipment - Part 1: Creation of graphical symbols for registration and ISO 80416-2: Basic principles for graphical symbols for use on equipment - Part 2: Form and use of arrows. The most recent guidance for the wording of the description for a symbol original can be found on both the IEC TC 3/SC 3C and ISO TC 145/SC 3 website.

Proposers of such change requests can click here to send an e-mail to the secretaries of IEC SC 3C and ISO TC 145/SC 3 who are responsible for the maintenance of IEC 60417 and ISO 7000, respectively.

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## General description

A graphical symbol is a visually perceptible figure used to transmit information independently of language. The graphical symbols for use on equipment are used for a wide range of purposes. For such graphical symbols, consistency in design of families of symbols used in one location or on similar equipment is an important issue, as is legibility when these symbols are reduced to small dimensions. Thus, there have been common provisions among areas covered by IEC and ISO on basic principles for graphical symbols for use on equipment to ensure visual clarity, to maintain consistency and thereby to improve recognition (see IEC 80416-1 and ISO 80416-2).

## Scope

IEC 60417 graphical symbols are primarily intended to:

- identify the equipment or a part of the equipment (e.g. a control or display);
- indicate a functional state (e.g. on, off, alarm);
- designate connections (e.g. terminals, filling points for materials);
- provide information on packaging (e.g. identification of contents, instructions for handling);
- provide instruction for the operation of the equipment (e.g. limitations of use).

IEC 60417 does not apply to symbol originals for:

- safety signs;
- use on drawings and diagrams;
- use in technical documentation of products and in technical product documentation;
- use for public information.

IEC 60417 has the status of a horizontal standard in accordance with IEC Guide 108.
ISO 7000 provides a synopsis of those graphical symbols which are placed on equipment or parts of equipment of any kind in order to instruct the person(s) using the equipment as to its operation.

## Structure of the database

Each graphical symbol carries a registration number (symbol ID) and a name in English and French, together with a graphical representation in GIF or PNG and in vectorized PDF format. There are also several optional fields. Below is a full listing of all the database fields. Some of them do not apply presently to ISO 7000 graphical symbols.

- Symbol ID
- Name
- Graphical representation in GIF or PNG format
- Graphical representation in vectorized PDF format
- Status
- Product area
- Description
- Notes
- Date of release
- Date of withdrawal
- Example of application class
- Function class
- Shape class
- Keywords
- Publication reference
- Relevant TCs and publications
- Replacing
- Replaced by
- Change requests

How to use released graphical symbols

The graphical symbols are intended for use on equipment; generally speaking any kind of equipment. The field "Example of application class" can be used to indicate more specifically

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Guideines tor the appircation or grapnıcal symbois tor use on equipment are in IEC 80416-3. Supplementary guidelines for the adaptation of graphical symbols for use on screens and displays (icons) are in ISO 80416-4.

## IEC/ISO Graphical Symbols for Use on Equipment - Overview

$\longrightarrow 1$

$\longleftarrow \quad$ This is a preview - click here to buy the full publication
0 $001: \quad-$
Limited rectilinear motion

$\overline{0} 009$ :
One revolution


0 017 :
Automatic control (closed loop)


0025:
Close (a container)

${ }^{\llcorner } 041$ :


## 0049:



0081:
Missing pages/issues

ō089:
Ventilating fan; aircirculating fan


0097 : Rear window wiper


0̄051: $\quad-$
Fabric skew, left-hand selvedge advanced


0059 :
Delivery control


0067:
Reduce width

$\overline{0} 075$ : End of reel

${ }^{\llcorner } 0082$ :


0098:
Rear window washer and Rear window washer wiper


00091:
Track change


0009:
 Raise or lower trough


00083:
m

Gear drive

$\llcorner$
0020:
Brake on


O $036:-$
Temperature,
decreasing


| प्र052: $\quad-$ |
| :--- |
| $\begin{array}{l}\text { Cutting of material at } \\ \text { centre }\end{array}$ |


${ }^{\llcorner } 060$ :
Seam guide

${ }^{\llcorner } 068$ :
Width adjustment


0076:

${ }^{\llcorner } 084$ :

$\overline{0} 021$ :
Brake off


Draining; emptying


0 $037: \quad-$
Wind (continuous maid (continuous material) material)


Straining element; clip

$\overline{0} 077$ :
Original difficult to read


0085:
Hazard warning


0003:


0070:
Brushing by means of a rotating brush

${ }^{\llcorner } 078$ :
Damaged text; wrong binding


0086:
Windscreen wiper; windshield wiper

## $\rightarrow 0$ <br> 0094: <br> Control; controlling



0102:
Reservoir


0008:
Oscillating rotary
movement (continuous)


0
$\stackrel{\llcorner }{0} 016$ :

${ }^{\llcorner } 0024$ :
Open (a container)


느눈 Change direction of continuous material


0056:
Reinforcement [stiffening] of edges
(ll)


0071:

rushing by means of a brush Cleaning of tracks belt


0079: $-\quad \stackrel{\llcorner }{\text { 0 }} 080$ :
Incorrect numbering; incorrect Repetition of image date

${ }^{\llcorner } 088$ :
Windscreen washer and wiper; Windscreen washer; windshield washer and wiper windshield washer


$\overline{0}^{\circ} 133$
Kneaded, general

$\overline{0}^{1} 144$ :

${ }^{\llcorner } 134$ :
Pump; liquid pump

${ }^{\circ}$ 눈
Proportioned for solids Electric motor


0̄168: Rotation of raising cylinder with direction

$\begin{array}{lll}\text { 0̄192: } & -\quad \text { ०̄1 }\end{array}$
Marking fold protrusion Stack height limit
(०) $\frac{\pi}{\text { (०) }}$

0̄200:
Rollers with internal
pressure,
pressing/loading


## 

ō216:
Empty
(

ō224: $\quad-$
Measure humidity

ō232:
Electric energy

## $p \leqslant$



## gy

Ends of rollers

${ }^{\circ} 420$ :
Refer to electrical
instruction book
(information)
Subcycle

Reservoir
Lubricant pump




- 397 :


O $388:$
Rollin
Rolling -- symmetrical rollsRolling -- 4 rolls

Load workpiece [product] Unload workpiece
[product]


0413:
Material [bar feed] to stop position


```
0428:
```

```
0428:
```




## ED OE

0 455 :
Substantially level voltage characteristic
 start aid


$\stackrel{\llcorner }{ }{ }^{\circ} 369$ :


0377: Plunge cut grinding


0400: Disengage tracer


R
Regulation of wall thickness Change drain and refill of preform


Position lights; side lights
 welding electrode holder

$\square_{0} 549$ :
Rotatio
control
0̄557:
Winding with direct
drive

0467:
Submerged ar
welding
0468:
Arc spot welding
0469:
MIG/MA


Dip transfer
0472:
Spray t


Continuation of another Ignition reel

${ }^{\circ} 507$ :
Actuate only during


0515
Output convection


- 523 :

Heat energy
$0 \overline{0} 33$
Upper limit of temperature


| 0̄541: | - | -0542: |  |
| :---: | :---: | :---: | :---: |
| Variab starting | $\begin{aligned} & \text { lith } \\ & \text { tt } \end{aligned}$ | Lifting suppor | central |



$\overline{0} 565$ :
Movement of one unit
in two directions
圤


0549: $\quad-$
Rotational speec

0̄557: drive



Frozen food storage compartment

${ }^{\llcorner } 516$ : Not suitable for use with

${ }^{\llcorner } 524$ : Water energy


Lower limit of

ō501:
Adjust (cloth or yarn)


0̄509:
Pressing by rollers


0 525 : Hydraulic energy


Val Variation of material (cloth or yarn) tension, with initial position

$\overline{0} 543$ :
Air cooling
OL551:

${ }^{\circ} 559$ :


Winding with tangential and direct drive

${ }^{\llcorner } 566$ :
Roller; cylinder



0575: Adjust shearing roller to the ledger blade



0-576:
 shearing roller against






1425:
Side (lateral) window, demisting and defrosting heating, horizontal type

## 1

$\dagger$
$\sigma$ -

$\stackrel{\ulcorner }{\stackrel{\uparrow}{+}} \stackrel{1}{1}$
Seat height adjustment, cushion front

1434A:

14439:
Loader bucket, lower

1448: -
Multi-purpose bucket, hold

1456:
Dozer blade, tilt right

1464:
Direct burial plough
lower

Excavator/backhoe
 right side

$\overline{1} 512$ fader blade circle,

in 20: -
Dumper body, return

$1528:$
Scraper apron, lower




2069: $\quad-$
Tie down point

2050:
Tree harvester/feller


2077:
Outrigger


2093: Side
hold

누1:
Rear scarifier, raise


${ }^{\llcorner }$2094:
Dumper body


Rear scarifier, lower

position


2125:
Snow thrower, discharge-chute height chute height adjustment, chute, rotate left adjustment, up down
 movement, rearward rhead view of machine)


2128:
Snow thrower, discharge Wheel adjustment, left chute, rotate right wheel, move out


Tractor, direction of movement, rearward (overhead view of machine)



Moving machine alarm; Alternate rearward moving vehicle

## alarm



Grass-cutting drive, cylinder drive, reverse, diseng cylnder on-cut


2113:


2114: T

$\begin{array}{ll}\text { 2054: } & \text { 2055: } \\ \text { Delimber, sliding boom, } & \text { Delimber, butt plate, up }\end{array}$
2056:
Delimber, sliding boom, Delimber, butt plate, up Delimber, butt plate, down
2057

Stabilizer
$\left.\begin{array}{l}\text { Outrigger, left jack down, Outrigger, left jack up, } \\ \text { vertical extension only } \\ \text { vertical retraction only }\end{array}\right]$


2075: Left stabilizer, extend

2076:

${ }^{\llcorner }$2083:
Grapple, rotate clockwise


2091: $-\quad$ 2092: -
Excavator/backhoe, boom sideSide dump bucket
2084: Grapple, rotate anticlockwise shift


2099: $\quad 2100$
Ground-engaging equipment, Rear scarifier equipment, ripper/scarifier, ripper/scarifier, hold ower

$\stackrel{\llcorner }{2} 106$ :
Undo

$\stackrel{\llcorner }{2} 108$ : $\begin{array}{ll}\text { Turbo } & \text { 2irbag }\end{array}$


2123:
Snow thrower, impeller
2124:
Snow thrower, collector auger


Wheel adjustment, left wheel, move in


2138:
Combine harvester, side view of machine


2148:
Crop tank Crop tank

2153:
Cleaner feed


2154:
Cleaner saw


2155:
Cotton chamber/door

5o-2
$\stackrel{\llcorner }{ }{ }^{2} 156$ : Spindle drum


 sources


Fork arm extension， retract


2417：
Protection


2441：$\quad-$
Steering failure（front view）


Exhaust－gas brake


2457：
Loading light

2465：
Fifth w
adjust
$2473:$
Front－axle drive $6 \times 6$
$\overline{2} 48$
Dif
tr


${ }^{\llcorner } 442$ ：


Tyre temperature

## ${ }^{\prime \prime}$ 㞋

$\stackrel{\llcorner }{2458: \quad-}$
Elevated headlights

## 吕

2466：－
Roof ventilation，truck

## 5－8

2474：
Differen


2481：
abrasive blasting

${ }^{\llcorner }$2490：
Protection against mechanical hazards

LPG fuel；liquefied


SN

Serial number


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2411： parts


2418：
 fire fighters

${ }^{2} 413$ ： Protection against foul weather

${ }^{2} 421$ ： Tractor，front－wheel

${ }^{\llcorner }$2414：

 Steering，circuit one（front Steering，circuit two（front
STERILE
${ }^{\llcorner } 499$ ： Sterile

$\stackrel{-}{2459:} \quad-$
Roof sign illumination
$\llcorner$ 2460：$\quad-$
Road vehicle－－
snowplough，truck
$\Gamma$

2467：
Load tipping，trailer


2475：

${ }^{2} 483$ ：
Protection against cuts

${ }^{2} 443$ ：
view）



Differential lock，front
axle $4 \times 4$

${ }^{\llcorner } 484$ ： Protection against particulate radio


${ }^{\llcorner } 444$ ：

snowplough, truck
oxide


2445：
Anti－lock brake system，

Height control，truck


2469：
Exterior rear view mirro 4 －way adjustm
vertical type


2485：
Fresh air irradiation
drive，braking

## 1：8：81



${ }^{\llcorner }$2436：
Transmission converter fluid level

coolant level

${ }^{2} 437$ ： Transm
failure


2446：
 trailer not equipped

${ }^{\llcorner }$2454： failure

## －

${ }^{\llcorner } 462$ ：
Front height control，truck


2470．
2470：
heating，vertical type

2478：－
$6 \times 6$
•


CONTROL－
2̄495：
Negative control

STERILE

${ }^{\llcorner } 487$ ：
Fresh air，truck

## CONTROL +

2496：
Positive control


Sterilized using steam or dry Interior directed illumination Taxi sign light
heat（reading／map light）

${ }^{\llcorner } 488$ ：


2497：
Date of manufacture

TAXI
${ }^{\llcorner } 408$ ：
Fork arm extension， extend
0
${ }_{2}^{2416:}$
Protection against chain saw
$1 \mathrm{EDC}^{2}$
2424：
Road vehicle，electronic
diesel control

##  <br> ${ }^{\llcorner }$2432： <br> Road vehicle，engine

inlet air filter


NON
2440：
Steering fluid level
（0）
${ }^{\llcorner } 448$ ：
Spring brake release
$\square \quad+$
${ }^{\llcorner } 456$ ：
Battery failure

${ }^{\llcorner } 464$ ：
Diverging flap release


2472：
Rear－axle drive $6 \times 6$


2480： case $6 \times 6$

Recirculated air，truck

$\overline{2} 554$ :
Exterior rear view mirror, Sunshade power folding, horizontal type light



2560: - 2561.
Passenger airbag off or Side impact airbag not available


2569: $\quad-$
Passenger car


2585: Motion sensor

## (오)

2593: $\quad-$
Exhaust gas brake


2 $605: \quad-$
Child lock, locked

## na

2 613 :
Fifth-wheel coupling, locked/secure


2621:
Atmosphe
limitation


2629:
Fifth-wheel coupling, $\stackrel{\Gamma}{\Gamma}$
2
$\frac{\text { 人 }}{\frac{\pi}{3}}$
2̄645:
Height control



${ }^{\llcorner }$2638:


2652:
$\xrightarrow{\longrightarrow}$
${ }^{\llcorner }$2594:
Ventilation open heating fuel level


2614:
road conditions
(@)!
${ }^{\llcorner }$2622:
Retarder failure
$\llcorner 2630:-$
Road vehicle stability-
control system


2570: $\quad-$
Truck/bus front view


2571:
 available

Front external open step,

2579: - $\quad \stackrel{\llcorner }{2580}$ :

${ }^{-} 587$ :
Stacker blade, lower Excavator/backhoe, work Limited performance


2 623 :
Antilock brake system, off or not available

## (TC):

2 631 :
Traction control failure

${ }^{2} 639$ : mode


$\left\llcorner^{2} 572\right.$ :

## 2595:

$\longrightarrow$

## $1-x+$

${ }^{\llcorner } 599$ :
axle


2616:
2608: truck

2632:
${ }^{\llcorner } 2640$ :

2646B:
 This is a preview - click here to buy the full publication rear vinic

$\llcorner\stackrel{L}{2563:} \quad-$
Power window lock
(disable)
2564:
Power window lock Motion sensor
(disable)


2573:

, Jack


2581: failure


Do not resterilize

2624: - $\quad$ 2 625
Hill-holding system for Pedal adjustment


State of charge, propulsion battery
 North indicator


2633: Electric motor failure


2574:
Retarder

DuI
2582:


0
2595B:
Trailer towing mode; two axle wagon


Turbocharger temperature

${ }^{\llcorner }$2642:


2648:

Hydraulic cylinder, lock

Hill descent control


2635:
Destination home

2643:
Hydraulic cylinder, unlock

$\stackrel{\llcorner }{2656:}$



${ }_{2864}$ Model casting technique


2̄888： Jaw（gear）clutch


2 896 ： elevator


## 2904

Chips conveyor


2917：
Tailstock spindle sleeve


Crash of cutting tool； breakage of cutting tool


2933： Turning spindle stopped，adjusted

${ }^{\llcorner } 941$ ：
Internal cylindrical grinding spindle


$\llcorner$ 2865：$\quad-$
Model fabrication
${ }^{\llcorner }$2918：
Spindle rotation；spindle rotation speed

${ }^{\llcorner }$2926：
Longitudinal turning


2934：
Gripper spindle；counter spindle



2949：－
against sunglare

##  <br> $\equiv$ B

$\stackrel{H}{4} \rightarrow$
2871：
Extend axles
$\stackrel{\llcorner }{\text { 2886：}}$
6： This is a preview－click here to buy the full publication
$\stackrel{\llcorner }{2870}$ ：

Mobile elevating work platform（MEWP）on lorry，

${ }^{2} 958$ ：
trailer

${ }^{\llcorner }$2920：
 direction of arrow（left）

## $\xrightarrow{\square}$

2928：


## Cos ion



Accumulator，empty


2921：

$$
\ulcorner
$$



2929：


2937：
Material（bar）loading
guide，all bars used up $\quad$ Bar end，bar feed end （empty）


2945：
Engine emissions 2946：


2938： （SCR）fluid


2952B
Not sui and road use


2953：
Position lights，trailer

of vehicle

Workpiece entrance，full Workpiece entrance，empty Workpiece outlet，full

Material（bar）loading
guide，all bars in use
（filled） （filled）


Carriage，saddle


2939：
Material stop；bar stop


Diesel exhaust fluid（DEF）；Engine emissions filter，
$W \rightarrow 1(5$

2887：
Tarry；dwell


2895： Workpiece silo conveyor
—
$\begin{aligned} & \text { 2903：} \\ & \text { Workpiece outlet buffer，} \\ & \text { empty }\end{aligned}$ －

${ }^{\llcorner }$2924：
Cutting of tool with liquid spray Lifting of cutting tool

${ }^{\llcorner } 2932$ ：
Spindle holder
きル
${ }^{\llcorner } 940$ ：
Material stop；bar stop disengaged（off）


2948：
Limited protection against sunglare

## 詔。

${ }^{\llcorner }$2955：
Snowplough lights
（1）
2963：
Head－up display（HUD）

SOS


2972:
Fire pump intake

${ }^{2} 980$ :
Pressure vessel, decompression


2 2988 :
Turntable ladder, elevate


Hydraulic platform,
elevate boom

$\overline{3} 004: \quad-$
Hose reel, wind out

## A ©

## 3012: $\quad-$ RFID interrogator

 $\begin{array}{lcc}\overline{3} 020: & \llcorner & \llcorner \\ \text { Conveyor boom, down, } & \text { Conveyor belt, forward }\end{array}$ $\stackrel{\text { rear }}{ }$

## $\int 5$ $\square$

3028:
Rest break
recommended


з̄035:
Windscreen,
adjustment type


3043:
Cardiac resynchronization therapy pacemaker, right atrial, right ventricular, left ventricular



Gas cylinder under


Turntable ladder, depress Align Iadder


2997: -
Hydraulic platform,
depress boom


3005:
Hose reel, wind in

Forward motion inhibited Propulsion system failure

$\stackrel{\llcorner }{3} 036$ :
Handgrip heater

${ }^{\llcorner }$3029:

${ }^{2} 974$ : Filling by fire pump
${ }^{2} 982$ : Cage carrying capacity
 Circuit other than
electrical, open


3006:
Flushing

$\stackrel{\square}{3} 014$ :
Loading device down


3022:
Conveyor belt reverse


З $\overline{3} \mathbf{0 3 0 :}$

${ }_{\text {2999: }}$ II -
Circuit other than electrical, closed


3045:


3044:
Cardiac resynchronization Implantable device therapy defibrillator, right atrial, right ventricular, left ventricular

$\llcorner$
3031:
Fuel tank
Fuel tank shut-off valve position, "on"


3046:
Implantable device, coated
Loading device, to right Loading device, to left

$\overline{3} 047$ :
Maximum tracking rate Minimum tracking rate and minimum rate


3024:
Bridgehead, to right


3032:
Fuel tank shut-off valve
position, "reserve"


3025:


З3033A:
Electric Starter; engine electric start _


3040:


3018:
Conveyor boom, down, front


Pacemaker, dual chamber,
right atrial, right ventricular
${ }^{\llcorner }$3026:
Engine stop required

${ }^{\llcorner }$3033B:


3041:
Implantable cardioverter defibrillator, single chamber,

Electric Starter; engine electricHelmet lock; helmet right ventricular


3049 :
Amplitude and pulse width,
general


3027:
Parking assistance system

holder

$\stackrel{\llcorner }{ }{ }^{2} 050$ :
Amplitude and pulse width, right atrial


2971: Additive

${ }^{\llcorner }$2979:
Pressure vessel, drain


Hydraulic platform, retract Hydraul


3003:
Hose reel

$\stackrel{\llcorner }{3011:}$ RFID tag, specific air interface and data structure


3019:
Conveyor boom, up, rear



3067: connector cavity


3075:

(right atrial, right
ventricular, lef
ventricular)

$\overline{3} 099$ :
Bleaching with non-
chlorine agents

$\overline{3} 103 \mathrm{~B}:$
Line drying

$\overline{3} 106 A$ :
Drip line drying in shade

$\overline{3} 113$ Do not iron

$\overline{3} 121$ :
Very mild professional


$$
\begin{aligned}
& 10 \\
& \overline{3} 145 \\
& \text { Head }
\end{aligned}
$$

$\overline{3} 145$ :
Header wings, fold up Header backshaft

$\overline{3} 153$ :
rotate left Legacy connector cavity Defibrillauon

${ }^{\llcorner }$3076:
left ventricurdia pacin
$\ulcorner-$
 Tractor, ride control

- rotate left


$\overline{3} 069$ :


$\overline{3} 385$ :
Suspended axle, first
axle, lock

$\overline{3} 377: \quad-$
Axle, first axle, unlock

 operation


3417:
Engine electronic
$\mathrm{n} / \mathrm{min}$
Engine rotational
speed, automatic
control


$\overline{3} 425$ :
Sugar cane harvester, work lights

$\overline{3} 433$ :
Power take-off (PTO), anti-clockwise rotational speed


$\stackrel{\llcorner }{ }{ }^{2} 370$ : Ambient air temperature Axle oil inside operator cabin


This is a preview - click here to buy the full publication Axle, unlock


3377:
Suspended axle, height adjustment (raise and
$\qquad$
33
3386: - $\quad \overline{3} 387$ unlock

${ }^{\llcorner } 394$ : Combine


Number of automatic cycles


Engine rotational speed, first set speed


3418: Engine, diagnostic port
$\overline{3} 419$
Sung
forward cane harvester, movement (side view of machine)


З 427 :
Sugar cane harvester, basecutter, target height

$\overline{3} 435$ :
Power take-off (PTO), - -
$\overline{3} 441$ : Transmission, lock


3449:
Hydraulic cylinder, fast Fuel drain extension


ᄂ 4442 : Transmission electronic control unit (ECU)


Operator cabin, outside Operator cabin, air flow


3458: recirculating air flow

$\overline{3} 443$ :
Differential gear oil


3451:
Diesel fuel drain



${ }^{\llcorner } 452$ :
Water in fuel


## $\overline{3} 46$



|  |  |  |
| :--- | :--- | :--- |
| 3 | $445:$ | - |
| Hydraulic |  |  |
|  |  |  |

Hydraulic system, off or Auxiliary hydraulic cylinder


3453:

$\overline{3} 461$ :
Log clamp, tilt rearward


3454:


3462: Heel boom log


Engin
Engine rotational speed,
$\Sigma$
machine)


Sugar cane harvester adjustment, automatic


3423:


Sugar cane harvester, ground

$\stackrel{\llcorner }{3} 447$ :
Auxilia retract (close)

$\quad$ vIII__
${ }_{3} 455$ :
Nighttime instrument illumination



Engine rotational speed, instantaneous decrease, off or not available


3424:
Sugar cane harvester,
ground speed, slow
思
n/min
Power take-off (PTO), clockwise rotational speed

$\stackrel{\llcorner }{3} 440$ :
Transmission, skip shift down

品
${ }^{\llcorner }$ㄴ488:
Auxiliary hydraulic
cylinder, float




after writing or recording during read-out or
on an information carrier reproduction from an


Adjustable device
Distortion corrector
Distortion corrector，
amplitude／frequency
Distortion corrector，
phase／freauency
Distortion corrector，
delav／freauency delayfrequency

Tracking
Dubbing

| $\ulcorner$ ¢ | $\ulcorner$ ᄀ | amplitude／frequency | phase／frequency | delay／frequency | $\ulcorner$ ¢ | $\ulcorner$ ᄀ | $\ulcorner$ ᄀ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | This | a preview－click | here to buy the fu | ull publication | $\square$ |  |
| 5290 ： | 5291： | 5292 ： | 5293： | 5294： | $\stackrel{L}{2} 295:^{\text {a }}$ | 5296 | 5297：」 |
| Page hold | Picture－in－picture mode | Interchange | Position switch having a break contact with positive opening operation | Badly soiled items； cooking utensils | Normally soiled items | Lightly soiled items | Delicate items |
|  | $\stackrel{\ulcorner }{\ulcorner/\llcorner }$ | $\ulcorner/$ | $/\\| \\|$ |  |  |  | $\square^{7} / l l l^{7}$ |
| 5298 ： | 5299 ： | 5300 ： | 5301 ： | 5302 ： | 5303： | $\stackrel{L}{4} 304$ ：$^{\text {L }}$ |  |
| Regenerating agent | Final rinse agent | Pre－wash，dish washers | Main wash detergent | Converter with stabilized output current | Operational amplifier | Equipment containing logic elements | Sampling unit |
|  |  |  |  |  |  |  | $\square \\|$ |
| 5306 ： | 5306 | $\stackrel{\llcorner }{5} 30$ | 530 | 530 |  | 530 | 5310：」 |
| Comparator，general | Comparator，voltage | Comparator，current | Comparator，frequency | Alarm，general | Urgent alarm | ${ }_{\square}^{\text {Alarm system }}$ clear | Frame |
| $\square$ | $\square$ | $\square \\|$ |  | $\square$ |  | ת几ூ | $>11$ |
| $5311:$ | 5312： | ${ }_{5}^{5} 313$ ： | 5314 ： | 5315 ： | 5316 ： | 5317 ： | 5318： |
| Multiframe | Frame alignment | Loss of frame alignment | Error in frame alignment | Two－level signal | Three－level signal | Binary coded signal | Strobe，general |
|  |  |  |  |  |  |  |  |
| 5318－1： | 531 |  |  | 5322： |  | $\stackrel{\llcorner }{5} 323$ |  |
| Strobe，video | Alarm inhibit | Indirect lighting | Low－intensity lighting | Hand－held switch | Iris diaphragm，open | Iris diaphragm，centre－ | Iris diaphragm，spot |
|  |  |  |  |  |  |  | $\frac{\ulcorner 1}{\wedge(0)}$ |
| 5323－3： | ${ }_{5}^{2} 324$ ： |  |  |  | $\stackrel{5}{5328:}$ | 5329 ： | 5330：$\lrcorner$ |
| Iris diaphragm，average | elris diaphragm，close | Small focal spot | Intermediate focal spot | Large focal spot | Radiographic control | Indirect radiography | Radioscopy |
|  |  |  |  |  |  |  |  |
| $5331:$ | 5332： | 5333： | $\stackrel{L}{4} 334^{\text {L }}$ | 533 | 5336：」 |  |  |
| Category AP equipment | Category APG equipment | Type BF applied part | Defibrillation－proof type BF applied part | Type CF applied part | Defibrillation－proof type CF applied part | X－ray tube | X －ray source assembly |
|  |  |  |  |  |  |  |  |
| 5339： <br> X－ray source | 5340： <br> Vertical radioscopic stand | 5341： <br> Vertical radiographic | 5342： <br> Horizontal radiographic | 5343： <br> Photo－fluorographic | Photo－fluorographic camera | 5345： <br> Equipment for tomograp | 5346： <br> Tilting table with |
| assembly，emitting |  | stand | table | stand |  |  | overtable X －ray source |
| /40 |  |  |  |  |  |  |  |
|  | 5348： |  | 5350： |  |  |  |  |
| Tilting table with undertable X－ray source assembly | Radiodiagnostic compression device | Radiodiagnostic compression device， movement | Radiodiagnostic compression device， pressure applied | Radiodiagnostic compression device， parked | Anti－scatter grid | Anti－scatter grid，movement | Anti－scatter grid，not used |
|  |  | $\urcorner$ |  | $\begin{array}{\|l\|l\|} \ulcorner & \urcorner \\ \hline & \\ \hline & \\ \hline \end{array}$ |  |  | $8$ |
| 5355： | $\stackrel{L}{4} 565^{\text {L }}$ | 5359 | 5360： | 5361： | 5362： |  |  |
| Radiodiagnostic automatic control system | Serial changer for single radiographic film | Radiographic film selection，full format and orientation | Radiographic film selection，division by two and orientation | Radiographic film selection，division by four and orientation | Film or cassette changer | Film or cassette changers，bi－ plane operation | Radiodiagnostic simultaneous bi－plane operation |
|  |  |  | $\underbrace{7}_{0}$ |  |  | $0$ |  |
| 5365： | 5366： | 5367： | 5368： | 5369： | 5370： |  | 5372 ： |
| Radiodiagnostic alternating bi－plane operation | Floor mounted radiological equipment | Ceiling suspended radiological equipment | Radiodiagnostic urological table | Surgical table | Patient＇s chair，rotation about a vertical axis | Patient＇s chair，tilt about a horizontal axis | Craniographic equipment |
|  |  |  |  |  |  |  |  |
| 5373： | 5374： | 5375： | 5376： | 5377： | 5378： |  |  |
| Radiodiagnostic C －arm | Radiodiagnostic U －arm | Mammographic equipment | X －ray image intensifier | X－ray image intensifier with stabilized input | Image intensifier，full input field | Image intensifier，small input field | X－ray image intensifier， gettering |
| $\frac{(\xi\}}{\xi}$ |  |  |  |  |  |  |  |
| 5381： | 5382： | 5383： | 5384 ： | 5385： | 5386： | 5387： | 5388： |
| Radiation filter or filtration | Injection syringe | Indication of radiation fiel centre by light | Indication of radiation field by light | Beam limiting device， open | Beam limiting device，closed | Beam limiting device with separate opening of the shutters | Beam limiting device with separate closing of the shutters |




$\square^{\ulcorner } \square^{\urcorner}$
5765:
Detector head in
overtable position
「准
$\llcorner 573: \quad\lrcorner$
Television or video
image, interlacing

$\square$
5794:
Image interchange
$\xrightarrow[\square]{\square}$
5815:
Next image series
$\stackrel{\ulcorner }{\rightarrow 0} \overbrace{1}^{\square}$
5823:
$5823:$
Definition of start
position of patient
support movement
「8눈
5831:
X -ray source and
image intensifier,
combined rotation

| 2 |
| :--- |
| Inne |

$\stackrel{\ulcorner }{\square}$
5853:
Final rinsing, dish
washers
$\ulcorner$

$\llcorner$
$\llcorner 864$
Tune, low key
(17)
ᄂ
Picture adjustment,
horizontal bow
L581:
Summer time
$\square$
5889:

```
measuradiation
```

measuradiation
threshold

```
threshold
```



5758：
Energy s
Energy selective radiation Energy selective radiation Energy selective
$\begin{array}{lll}\text { Energy selective radiation Energy selective } & \text { Energy selective } \\ \text { measurement，window } & \text { radiation measurement，} & \text { radiation measure }\end{array}$ Radiation measurement，Radiation measurement， energy selective

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5816：
Previous image series


L824：
Movement of patient support to start position
 movement


Outer diameter


L854：
Fast freeze；superfrost


5865：
Tune，normal key


L873：
Picture adjustment， vertical bow


5882：
Sound and language selection


ᄂ890：
Store displaye

21

$\begin{array}{ll}\text { Energy selective radiation Pixel averaging } & \begin{array}{l}\text { Shockwave head，} \\ \text { movement in lateral }\end{array} \\ \text { measurement } & \text { direction }\end{array}$


L 778 ：
Electrosurgery，one－
button electrode handle button electrode handle


| $\llcorner$ | $\llcorner$ |
| :--- | :--- |
| 5802： | $\lrcorner$ |
| Screen selection | 5810： |
|  | Patient position， |
|  | head／foot reversed |



ᄂ817：$\quad \perp$
Exposure with contrast
injection


5825：
Wedge，in／out movement


ᄂ 5866 ：
Picture adjustment，tilt


ᄂ 583 ：

handle


5800：
Split screen

##  <br> Trend



5875：


5884：


Picture adjustment，skewPicture adjustment，

5892：
Transfer image



Still camera

Next；to play next part


Picture adjustment，vertical
keystone keystone

5877 ：
5876：
Night portrait mode


5885：
 horizontal keystone


Previous；to play previous part Tune，high key






