

Title (en)

HOOD-TYPE INDUSTRIAL DISHWASHER WITH A DEVICE FOR BALANCING THE MOVEMENT OF THE HOOD

Title (de)

HAUBEN-INDUSTRIESPÜLMASCHINE MIT EINER VORRICHTUNG ZUM AUSGLEICH DER BEWEGUNG DER HAUBE

Title (fr)

LAVE-VAISSELLE INDUSTRIEL À CAPOT AVEC UN DISPOSITIF POUR ÉQUILIBRER LE MOUVEMENT DU CAPOT

Publication

EP 3804602 A1 20210414 (EN)

Application

EP 19425072 A 20191010

Priority

EP 19425072 A 20191010

Abstract (en)

A hood-type industrial dishwasher includes a fixed base with a rear wall that extends upwards and on which a vertically movable hood is mounted through two side rods (14) and a handle (3) that rotates around a horizontal axis (4) being rotatably mounted on brackets (5) fixed to said rear wall, the handle (3) being equipped with rear levers (6) connected to the upper end of balancing springs (7) through connecting plates (8) equipped with one or more shaped slots, and the rear levers (6) being equipped with three pins (11, 12, 13) configured to engage alternatively the upper ends of said shaped slots, the engagement of each pin (11, 12, 13) being made in a more forward or backward position on the connecting plate (8) depending on the position of the hood so as to obtain a variable arm hinge.

IPC 8 full level

A47L 15/00 (2006.01)

CPC (source: EP)

A47L 15/0081 (2013.01)

Citation (search report)

- [A] US 2008092933 A1 20080424 - TAMEISHI YOSHIMASA [JP], et al
- [A] EP 1880654 A1 20080123 - HOSHIZAKI ELECTRIC CO LTD [JP]

Designated contracting state (EPC)

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Designated extension state (EPC)

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