

Title (en)
Cleaning device with actuating component

Title (de)
Reinigungsvorrichtung mit Betätigungselement

Title (fr)
Dispositif de nettoyage doté d'un élément d'actionnement

Publication
EP 2335546 B2 20190320 (DE)

Application
EP 10014760 A 20101118

Priority
DE 102009059784 A 20091218

Abstract (en)
[origin: EP2335546A2] The device (110) has a transport unit (118) for transporting items (120) to be cleaned via a cleaning zone (126). A sensor (182) i.e. height limiting sensor, for detecting the items is accessible from outside by a user. The device enables transfer of control commands to a controller (178) by actuating the sensor. The commands are chosen from a group consisting of a stop or start operation of the unit, a change of transport speed, a start or stop operation of a pump e.g. main rinsing zone-pump (148), a switch-on or switch-off operation of a fan (170) and reversal of a transport direction (130). An independent claim is also included for a method for controlling a cleaning device.

IPC 8 full level
A47L 15/00 (2006.01); **A47L 15/24** (2006.01)

CPC (source: EP)
A47L 15/0049 (2013.01); **A47L 15/247** (2013.01); **A47L 2301/00** (2013.01); **A47L 2301/08** (2013.01); **A47L 2401/04** (2013.01); **A47L 2401/30** (2013.01); **A47L 2401/34** (2013.01); **A47L 2501/05** (2013.01); **A47L 2501/12** (2013.01); **A47L 2501/24** (2013.01); **A47L 2501/26** (2013.01); **A47L 2501/32** (2013.01)

Citation (opposition)
Opponent :

- DE 19829650 A1 20000105 - PREMARK FEG LLC [US]
- DE 102005014353 A1 20060928 - PREMARK FEG LLC [US]
- DE 69525337 T2 20030313 - FUUGA CONTROLS OY TAMPERE [FI]
- WO 0053076 A1 20000914 - HACKMAN METOS OY [FI], et al
- DE 19608034 C1 19970710 - STIERLEN MAQUET AG [DE]
- DE 10058410 A1 20020919 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
CN108135432A; US10835098B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2335546 A2 20110622; **EP 2335546 A3 20141231**; **EP 2335546 B1 20160302**; **EP 2335546 B2 20190320**; DE 102009059784 A1 20110622; DE 102009059784 B4 20160512

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