

Title (en)
Cleaning roller

Title (de)
Reinigungswalze

Title (fr)
Rouleau de nettoyage

Publication
EP 1479336 A3 20071017 (DE)

Application
EP 04011118 A 20040511

Priority
DE 10324107 A 20030521

Abstract (en)
[origin: EP1479336A2] A rotary cleaner (10) for a floor-cleaning machine comprises a cylindrical rotary body (16) in the machine which has a surrounding covering cleaning element of tube-shaped textile (14) which is removably attached to the body.

IPC 8 full level
A46B 13/00 (2006.01); **A47L 11/19** (2006.01)

CPC (source: EP)
A46B 13/001 (2013.01); **A47L 11/19** (2013.01); **A47L 11/4041** (2013.01); **A46B 2200/3066** (2013.01)

Citation (search report)
• [XAY] DE 19945281 A1 20010412 - DUEPRO AG ROMANSHORN [CH]
• [Y] GB 367417 A 19320215 - JOSEPH WILHELM MELLWIG
• [Y] US 1914832 A 19330620 - WILHELM MELLWIG JOSEPH
• [YA] US 3735535 A 19730529 - WALLER G
• [A] US 2239140 A 19410422 - BARTON HIRAM J, et al

Cited by
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US11730331B2; US10820771B2; WO2007101460A1; WO2009149722A1; WO2019145246A1; WO2017060261A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
EP 1479336 A2 20041124; EP 1479336 A3 20071017; DE 10324107 A1 20041216

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