

Title (en)
Cleaning device

Title (de)
Reinigungsgerät

Title (fr)
Appareil de nettoyage

Publication
EP 2210545 A3 20111214 (DE)

Application
EP 10151123 A 20100119

Priority
DE 202009000045 U 20090121

Abstract (en)
[origin: EP2210545A2] The cleaning device (1) comprises a base part (2) which is moved by a guide part (3), where the base has units for fixing a wiping cloth. The retracted-extended bristles are provided on lower side of the base part, where the bristles are moved between a retracted position and a protruding position of the base part. The bristles are mounted in a holder in the base part.

IPC 8 full level
A47L 13/14 (2006.01); **A47L 9/06** (2006.01); **A47L 13/12** (2006.01); **A47L 13/144** (2006.01); **A47L 13/146** (2006.01); **A47L 13/258** (2006.01)

CPC (source: EP)
A47L 9/0633 (2013.01); **A47L 13/12** (2013.01); **A47L 13/14** (2013.01); **A47L 13/144** (2013.01); **A47L 13/146** (2013.01); **A47L 13/258** (2013.01)

Citation (search report)
• [X] EP 1027855 A2 20000816 - DOUSS LINE S R L [IT]
• [A] DE 102006005985 A1 20070816 - FREUDENBERG CARL KG [DE]
• [A] JP 2001212055 A 20010807 - KOWA CO
• [A] DE 3741070 A1 19880616 - DUEPRO AG [CH]
• [A] DE 3517680 A1 19851219 - PETERSEN GEORG VILHELM

Cited by
CN105962860A

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 202009000045 U1 20100617; EP 2210545 A2 20100728; EP 2210545 A3 20111214

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DE 202009000045 U 20090121; EP 10151123 A 20100119