

Title (en)
Cleaning device

Title (de)
Reinigungsgerät

Title (fr)
Dispositif de nettoyage

Publication
EP 0888734 A3 19990929 (EN)

Application
EP 97500221 A 19971219

Priority
ES 9701500 U 19970530

Abstract (en)
[origin: EP0888734A2] It comprises a base (1) of rigid material which can be coupled to a handle (2) and which incorporates a brush (3) or similar cleaning element of flexible material which is independent of the base and which includes coupling means (4) between the base and the brush, and is characterized in that the coupling means are constituted by a coupling element (5) which is independent of the base (1) and of the brush (3) respectively. The assembly and cleaning of the device are simple, and its manufacturing cost is low. <IMAGE>

IPC 1-7
A46B 7/04

IPC 8 full level
A46B 7/04 (2006.01)

CPC (source: EP)
A46B 7/04 (2013.01)

Citation (search report)
• [XY] EP 0573081 A1 19931208 - ARCHENTI PENNELLI DI ARCHENTI [IT]
• [Y] WO 9404057 A1 19940303 - SWORDFISH INT LTD [GB], et al
• [Y] US 5112156 A 19920512 - BOYER RICHARD L [US]
• [Y] US 4541139 A 19850917 - JONES DAVID A [US], et al
• [A] DE 3614026 A1 19871029 - APA KG BAUDER OTTO [DE]
• [A] US 4218804 A 19800826 - ARINCI GIOVANNI [IT], et al

Cited by
CN103099425A

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0888734 A2 19990107; EP 0888734 A3 19990929; DE 888734 T1 20000817; ES 1037421 U 19980301; ES 1037421 Y 19981101

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EP 97500221 A 19971219; DE 97500221 T 19971219; ES 9701500 U 19970530