

Title (en)
Household vacuum cleaner

Title (de)
Haushalts-Bodenstaubsauger

Title (fr)
Aspirateur domestic

Publication
EP 1228732 A3 20041208 (DE)

Application
EP 02002335 A 20020131

Priority
DE 10105371 A 20010206

Abstract (en)
[origin: EP1228732A2] The device has a suction head for application to textile and smooth floors with a slide plate (2) rigidly or pivotably attached to an upper housing part (1) and a transverse suction opening (3) with a suction channel (4) opening into it. The slide plate has a working width of from 350 to 500 mm. measured at the ends of the suction opening. The suction opening consists of a single channel of approximately constant channel width along its length.

IPC 1-7
A47L 9/06

IPC 8 full level
A47L 9/06 (2006.01)

CPC (source: EP)
A47L 9/06 (2013.01); **A47L 9/0613** (2013.01); **A47L 9/0626** (2013.01); **A47L 9/0653** (2013.01)

Citation (search report)

- [DY] DE 19628070 A1 19980115 - WESSEL WERK GMBH [DE]
- [DY] WO 9637142 A1 19961128 - EDLUND GOERAN [SE]
- [A] DE 3009648 A1 19810917 - WESSEL HANS
- [A] US 5539953 A 19960730 - KURZ GERHARD [DE]
- [E] EP 1210898 A1 20020605 - WESSEL WERK GMBH [DE]
- [A] DE 4243244 A1 19940623 - MIELE & CIE [DE]
- [A] DE 19541739 A1 19970515 - VORWERK CO INTERHOLDING [DE]
- [A] DE 19546756 A1 19961010 - HEIDT GUENTHER [DE]

Cited by
GB2415890A; GB2415890B; WO2007071296A1; US8671513B2; US9585531B2

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

DOCDB simple family (publication)
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