

Title (en)
Suction head for vacuum cleaner

Title (de)
Saugkopf für Bodenstaubsauger

Title (fr)
Suceur pour aspirateur

Publication
EP 1020159 A3 20001115 (DE)

Application
EP 99124204 A 19991203

Priority
DE 29900713 U 19990116

Abstract (en)
[origin: EP1020159A2] The suction head (1) has the usual sole plate (2) and suction aperture (4) as well as a vertically moveable plate (5) behind, set by a lever (6), on which a plate (7) is covered by a fabric polishing material (8) for smooth floor surfaces.

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 9/0653** (2013.01)

Citation (search report)

- [YD] EP 0125994 A1 19841121 - OLIVIER GEORGES SA [FR]
- [Y] EP 0397112 A1 19901114 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [AP] DE 19818568 C1 19990527 - WESSEL WERK GMBH [DE]
- [A] NL 7804006 A 19791016 - WESSEL HANS

Cited by
EP1252852A3; EP1330978A3

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

DOCDB simple family (publication)
DE 29900713 U1 19990624; DE 59901610 D1 20020711; DE 59906132 D1 20030731; EP 1020159 A2 20000719; EP 1020159 A3 20001115; EP 1020159 B1 20020605; EP 1180340 A2 20020220; EP 1180340 A3 20020619; EP 1180340 B1 20030625

DOCDB simple family (application)
DE 29900713 U 19990116; DE 59901610 T 19991203; DE 59906132 T 19991203; EP 01127814 A 19991203; EP 99124204 A 19991203