

Title (en)
Suction nozzle for vacuum cleaner

Title (de)
Saugkopf für Bodenstaubsauger

Title (fr)
Suceur pour aspirateur

Publication
EP 1180340 A3 20020619 (DE)

Application
EP 01127814 A 19991203

Priority
• DE 29900713 U 19990116
• EP 99124204 A 19991203

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
DE102010043515B4; EP1964501A3; EP2449934A2; DE102010043515A1

Designated contracting state (EPC)
DE FR GB IT

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)
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