

Title (en)
VACUUM CLEANERS

Publication
EP 0553896 A3 19931229 (EN)

Application
EP 93105653 A 19910116

Priority
• EP 93105653 A 19910116
• US 46917690 A 19900124

Abstract (en)
[origin: EP0553896A2] A vacuum cleaner has a power brush (30) which projects dirt particles directly into a specially formed and located vacuum nozzle (42) in such a manner that low air consumption can be used. The vacuum nozzle has an inlet (70) extending along the full axial length of the power brush. Inclined grooming brushes (52) may be provided to eliminate wheel tracks. The front wall (28) forwardly of the power brush may be modified to provide front edge cleaning. A cordless upright vacuum cleaner may advantageously be provided having a cleaning performance comparable with that of mains powered upright cleaners. <IMAGE>

IPC 1-7
A47L 5/30; **A47L 9/04**

IPC 8 full level
A47L 5/30 (2006.01); **A47L 9/04** (2006.01)

CPC (source: EP)
A47L 5/30 (2013.01); **A47L 9/0411** (2013.01); **A47L 9/0488** (2013.01)

Citation (search report)
• [YP] EP 0401531 A2 19901212 - NAT UNION ELECTRIC CORP [US]
• [A] US 3150394 A 19640929 - SANERS ROBERT J
• [A] US 4499628 A 19850219 - PLATT CLARK I [US]
• [Y] PATENT ABSTRACTS OF JAPAN vol. 014, no. 030 (C - 678) 19 January 1990 (1990-01-19)

Cited by
EP0705559A1; EP1642520A4; EP0649625A3; US5557822A; US7434294B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0553896 A2 19930804; EP 0553896 A3 19931229

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