

Title (en)
Vacuum cleaner with reversible rotary agitator

Title (de)
Staubsauger mit umkehrbarer Klopfwalze

Title (fr)
Aspirateur pourvu d'un agitateur dont le mouvement rotatif peut être inversé

Publication
EP 1371317 A3 20050105 (EN)

Application
EP 03251436 A 20030310

Priority
US 36296002 P 20020308

Abstract (en)
[origin: EP1371317A2] A vacuum cleaner (10) includes a cannister assembly (18), a nozzle assembly (16), and a suction generator (33) that draws air, dust, dirt and debris from a surface to be cleaned through the nozzle assembly (16) to a collection vessel (12). A rotary agitator (38) carried on the nozzle assembly (16) is driven by a motor (40) in a forward or a rearward direction. Depending upon the direction of rotation, the rotary agitator (38) propels the nozzle assembly (16) in the forward or rearward direction. <IMAGE>

IPC 1-7
A47L 5/30; **A47L 9/04**; **A47L 9/28**; **A47L 9/32**

IPC 8 full level
A47L 9/04 (2006.01); **A47L 5/30** (2006.01); **A47L 9/00** (2006.01); **A47L 9/14** (2006.01); **A47L 9/16** (2006.01); **A47L 9/28** (2006.01); **A47L 9/32** (2006.01)

CPC (source: EP US)
A47L 5/30 (2013.01 - EP US); **A47L 9/009** (2013.01 - EP US); **A47L 9/2805** (2013.01 - EP US); **A47L 9/2847** (2013.01 - EP US); **A47L 9/325** (2013.01 - EP US)

Citation (search report)

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- [YA] EP 0947155 A2 19991006 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] WO 9907272 A1 19990218 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
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- [YA] DATABASE WPI Section PQ Week 200247, Derwent World Patents Index; Class P28, AN 2002-438627, XP002304820
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