

Title (en)

Suction nozzle couplig device for vacuum cleaner

Title (de)

Saugvorsatz mit Kupplungsvorrichtung für Staubsauger

Title (fr)

Suceur d'aspirateur avec embout de raccordement

Publication

EP 1647219 A2 20060419 (DE)

Application

EP 05018243 A 20050823

Priority

- DE 102004050471 A 20041016
- DE 102004052306 A 20041028

Abstract (en)

A swivel element (SE) (2) fits on a suction adapter so as to swivel and links to a corresponding turning element (TE) as a link to a vacuum/floor cleaner so as to make a link with a turning motion. The SE and TE intermesh and have interlocking grooves running round in an SE/TE connection area so as to hold sections and form a guiding/retaining ring.

IPC 8 full level

A47L 9/24 (2006.01)

CPC (source: EP US)

A47L 9/02 (2013.01 - EP US)

Cited by

EP2452600A1; EP2030550A3; CN102038455A; US8813308B2; WO2011045580A1; WO2009125185A1; US8429791B2; US8336165B2; EP2030550A2; US9326653B2; US8272097B2; US8438699B2; US8201302B2; US8186007B2; US8181309B2; US8595897B2

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