

Title (en)

Separator for solid and liquid particles from an air current.

Title (de)

Separator für flüssige und feste Partikel in einer Luftströmung.

Title (fr)

Séparateur de particules solides et liquides à partir d'un courant gazeux.

Publication

EP 0484894 A1 19920513 (EN)

Application

EP 91118890 A 19911105

Priority

YU 208490 A 19901105

Abstract (en)

The subject of the invention, a hydroactive separator of solid particles and liquids from air currents, eliminates filtering of the air current by means of a paper or textile filter sack or any other kind of filters. Removing solid particles (dust) and liquids (water) from the air current is achieved by a liquid presenting the medium which traps the particles or liquid droplets from the air current. In vacuum cleaners, a constant suction power during the whole time of operation is achieved. Abrasive materials, hot and incandescent fragments (ashes, glow, cigarettes, weld butts), as well as other materials may be removed without preliminary preparation of the vacuum cleaner. An important saving of paper or textile filter sacks is effectuated.

<IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

A47L 9/182 (2013.01)

Citation (search report)

- [XP] WO 9115146 A1 19911017 - SPOUTVAC MANUFACTURING PTY LTD [AU]
- [X] NL 32508 C
- [X] FR 670220 A 19291126
- [X] FR 2159439 A1 19730622 - CLARKSON IND INC
- [A] AT 348472 B 19790226 - REFLEX MOEBELPFLEGEMITTEL [AT]
- [A] GB 490746 A 19380816 - WALLACE COLLINS
- [A] FR 2417287 A1 19790914 - LISI ROGER DE [FR]

Cited by

US7246406B2; EP1062901A1; DE202015008101U1; WO2006044196A3

Designated contracting state (EPC)

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