

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 B1 19961002 (EN)

Application

EP 91118890 A 19911105

Priority

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Abstract (en)

[origin: EP0484894A1] 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>

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