

Title (en)
SURFACE CLEANING APPARATUS

Title (de)
OBERFLÄCHENREINIGUNGSVORRICHTUNG

Title (fr)
APPAREIL DE NETTOYAGE DE SURFACES

Publication
EP 1737326 A1 20070103 (EN)

Application
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Priority

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Abstract (en)
[origin: WO2005096907A1] A surface cleaning apparatus comprising a debris retrieval body (3; 203; 403) and at least one collection means (67; 69; 259; 413; 447) provided within the debris retrieval body for accumulating debris from a surface to be cleaned. A rotatable elongate brush arrangement (39; 223; 427) is also provided within the debris retrieval body to retrieve a first portion of debris from the surface to be cleaned and to direct the first portion of the debris along a first pathway (301; 310; 311) into the at least one collection means. An inlet aperture (61; 255; 475; 485) is provided in the debris retrieval body for the passage along a second pathway (303; 312; 313; 315), independent of the first pathway, of a second portion of debris from the surface to be cleaned. The inlet aperture is formed in a chamber (57; 243; 469; 479) provided within the debris retrieval body and communicating with a means for creating suction, and the inlet aperture has an area less than the cross-sectional area of the chamber such that the speed of air flow through the inlet aperture as a result of the means for creating suction is high relative to the speed of air flow in the chamber.

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Citation (search report)
See references of WO 2005096907A1

Cited by
US9750380B2; WO2022094186A1; WO2015015165A1

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