

Title (en)  
A vacuum cleaner and relative filter system.

Title (de)  
Staubsauger und Filteranlage.

Title (fr)  
Aspirateur et ensemble de filtration.

Publication  
**EP 0551877 A1 19930721 (EN)**

Application  
**EP 93100401 A 19930113**

Priority  
IT TV920005 A 19920117

Abstract (en)  
Improvement to an apparatus specifically a vacuum cleaner (1) and relative filter, of the type comprising a body which supports a unit used for suctioning the external air through a nosepiece, thus conveying it to the interior of a container (3) in order to be filtered, such that in the interior of the said container is provided: a primary filter (8), being composed of an air distribution device (8"-9) at least partially submerged in a quantity of water (5) contained in the underlying reservoir (3), said device being directly connected to the suction manifold (6") of air drawn from the exterior; a secondary filter (4), being placed above and in proximity to the said distribution device of the suctioned air, the said filter being obtained from processed vegetable or animal fibres; of water (5) previously introduced into the underlying reservoir and which may be topped up, the level of water submerging at least partially the said distribution device. <IMAGE>

IPC 1-7  
**A47L 9/18**

IPC 8 full level  
**A47L 9/18** (2006.01)

CPC (source: EP)  
**A47L 9/181** (2013.01); **A47L 9/187** (2013.01)

Citation (search report)  
• [X] NL 32508 C  
• [X] DE 588379 C 19331118 - HANS KOHL DR DR  
• [A] WO 9110392 A1 19910725 - ZENGERER HANS [AT]  
• [A] US 2954095 A 19600927 - BROCK CLARENCE A  
• [X] PATENT ABSTRACTS OF JAPAN vol. 14, no. 077 (C-0688)14 February 1990 & JP-A-01 293 831 ( SANYO ELECTRIC CO LTD )  
• [A] PATENT ABSTRACTS OF JAPAN vol. 2, no. 142 (M-041)24 November 1978 & JP-A-53 112 571 ( TOKYO ELECTRIC CO LTD )

Cited by  
US7246406B2; EP0734679A1; EP1062901A1; WO2006044196A3; WO9844837A1; WO0128399A3

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