

Title (en)  
Liquid filter for a vacuum cleaner

Title (de)  
Flüssigkeitsfilter für einen Staubsauger

Title (fr)  
Filtre à liquides pour aspirateur

Publication  
**EP 0702924 A2 19960327 (EN)**

Application  
**EP 95111182 A 19950717**

Priority  
IT VA940024 A 19940715

Abstract (en)  
To establish in the vacuum cleaner reservoir of a vacuum cleaner a wet sprinkling process to take away from ambient air and /or from air sucked up at least the dust, such reservoir is provided with a chain of components comprised by: a removable tubular appendix (2) ; a bag-like multitask filter (101); a multitask flanged drum (5), whose upper flange (55) provides a "u" cross- sectioned water tight channel, and whose bottom flange (5') includes a number of sprinkling passages (100); an annular droplet wall or dam (6); a four-legged spacer or support (12); a filter (8) made by mineral imputrescible fibres; and a water pool . The optimum of the members of the chain may be determined by the formula:  $\frac{Q}{D \cdot T} = u_0$  wherein Q = Fluid flow; D= Degree of drop distribution T= Water transfer;  $u_0$ = Optimal wetting (of the filter)  $u_e$ = Actual wetting (of the filter) <IMAGE>

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

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

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

Cited by  
WO2015019080A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI SE

DOCDB simple family (publication)  
**EP 0702924 A2 19960327; EP 0702924 A3 19960918**; IT 1274186 B 19970715; IT VA940024 A0 19940715; IT VA940024 A1 19960115

DOCDB simple family (application)  
**EP 95111182 A 19950717**; IT VA940024 A 19940715