

Title (en)  
Dishwashing machine with improved filtering system, and filtering method thereof

Title (de)  
Geschirrspülmaschine mit Filtereinrichtung und -verfahren

Title (fr)  
Machine à laver la vaisselle, système et méthode de filtration

Publication  
**EP 0752231 A1 19970108 (EN)**

Application  
**EP 96110732 A 19960703**

Priority  
IT TO950570 A 19950706

Abstract (en)  
A dishwashing machine is described comprising a washing tub (1) with a wash-fluid trap (2) secured on its bottom having at least a connecting duct (3,4) to a pump for recirculation or discharge of the wash fluid, said trap being provided with filtering means (5,8) for the fluid to be recirculated or discharged. According to this invention said filtering means (5,8) comprise at least a first filtering element (7) housed within said trap (2) in a way to allow its angular removal and that said first filtering element (7) is configured so as to allow its angular removal by the force of at least a portion of the fluid flow sucked by said pump. <IMAGE>

IPC 1-7  
**A47L 15/42**

IPC 8 full level  
**A47L 15/42** (2006.01)

CPC (source: EP)  
**A47L 15/4206** (2013.01); **A47L 15/4208** (2013.01)

Citation (search report)  
• [PA] DE 4433842 C1 19960321 - BAUKNECHT HAUSGERAETE [DE]  
• [A] DE 3723721 A1 19880526 - CANDY ELETTRODOMESTICI [IT]  
• [A] DE 4131914 A1 19930401 - LICENTIA GMBH [DE]  
• [A] FR 2081286 A1 19711203 - ARDAM [FR]  
• [A] DE 1134489 B 19620809 - BOELKOW ENTWICKLUNGEN KG  
• [DA] GB 2096456 A 19821020 - BOSCH SIEMENS HAUSGERAETE

Cited by  
US9642510B2; US9055854B2; US9730570B2; US9861251B2; US10058227B2; CN107928592A; EP1380249A3; EP1973459A4; CN111743487A; US8215322B2; US2012318296A1; CN105615799A; EP2338400A1; US2011146731A1; US10070769B2; US2010243006A1; EP2462857A1; US2012291822A1; EP2556784A1; US9107559B2; US2014332040A1; EP2087830A1; US7585374B2; US10827903B2; EP2335547A1; EP2449946A1; US2013019899A1; EP2554093A3; EP1386575A1; EP2277430A1; CN101961237A; US2011146714A1; EP2351507A1; US8667974B2; EP4360528A4; WO2008098028A1; WO2020094297A1; WO2009056444A1; US10058228B2; EP3324812A4; EP3747335A1; AU2016295058B2; AU2021202488B2; WO2017014462A1; US11026556B2; US11344178B2; US9700196B2; US11882977B2; US8240321B2; US10076226B2; US8828148B2; US9918609B2; US10779703B2; US10178939B2; US10314457B2; US9687135B2; US9833120B2; US9668636B2; US10376128B2; US11134825B2; US9649007B2; US9757008B2; US9826882B2; US9962060B2; US10653291B2; US10813525B2; EP2516720B1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0752231 A1 19970108; EP 0752231 B1 20020130**; DE 69618861 D1 20020314; DE 69618861 T2 20020919; ES 2171207 T3 20020901; IT 1276476 B1 19971031; IT TO950570 A0 19950706; IT TO950570 A1 19970106

DOCDB simple family (application)  
**EP 96110732 A 19960703**; DE 69618861 T 19960703; ES 96110732 T 19960703; IT TO950570 A 19950706