

Title (en)

Dishwashing machine with macerator filter caused to rotate by the wash liquid flow

Title (de)

Geschirrspülmaschine mit durch den Spülwasserstrom rotierbarer Filter- und Zerkleinerungsvorrichtung

Title (fr)

Lave-vaisselle avec filtre broyeur mis en rotation par le flux du liquide de lavage

Publication

**EP 1386575 B1 20051005 (EN)**

Application

**EP 02425497 A 20020731**

Priority

EP 02425497 A 20020731

Abstract (en)

[origin: EP1386575A1] Dishwashing machine equipped with sump(3) for collection of the wash liquid and of rotably supported cylindrical microfilter (12), the latter housed in said sump, the microfilter being equipped with a series of helical blades(125) to be caused to rotate by an axial liquid flow, induced within the sump by a recirculation pump, the envelope profile of the outer edge of blades being matched to the sump profile, in order to develop a macerating action on solid soil particles conveyed by the liquid flow, and laminated between the blade edge and the sump wall. <??>A support with cutting spokes (21), integral with microfilter and jointly operating with a stationary large-meshed filtering plate(28), exerts an additional macerating action on soil particles passing through the filtering plate. <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 15/4227** (2013.01)

Cited by

US9687135B2; WO2006063894A1; US8789544B2; CN113235719A; EP4154792A4; US2015265129A1; CN104768441A; EP2478818A3; US2011146714A1; US8667974B2; EP1598465A1; CN104947387A; KR20200064268A; CN117547858A; EP2213217A1; JP2018102557A; EP1598470A1; EP2263512A1; CN106419795A; US2012180824A1; US9538899B2; EP2671497A3; IT201900018521A1; US2011061682A1; US8215322B2; US8776808B2; US2020163528A1; US11564554B2; US2012138106A1; US2014230852A1; US9167950B2; US9307885B2; WO2009077279A3; WO2021191215A1; US2008248075A1; US2012138111A1; US2012291822A1; EP2556784A1; US8763618B2; US9107559B2; US9119515B2; US2015342438A1; US9532697B2; CN108451464A; JP2022535825A; EP3975814A4; US9861251B2; US10178939B2; US10314457B2; US9700196B2; US11882977B2; US10653291B2; US10813525B2; US8808462B2; US10052010B2; WO2011039253A1; WO2023129323A1; US9833120B2; US10058227B2; US9649007B2; US9757008B2; US9826882B2; US9962060B2; US10004377B2; US9918609B2; US10070769B2; US10779703B2; US11478121B1; US11903544B2; WO2020247538A1; US8240321B2; US10076226B2; US10398283B2; US11903545B2; US9668636B2; US9713413B2; US9730570B2; US10058229B2; US10213085B2; US10376128B2; US10602907B2; US11134825B2; EP2263512B1; EP2263512B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 1386575 A1 20040204**; **EP 1386575 B1 20051005**; DE 60206490 D1 20051110; DE 60206490 T2 20060518

DOCDB simple family (application)

**EP 02425497 A 20020731**; DE 60206490 T 20020731