

Title (en)

Hood-type industrial dishwasher with improved filter assembly

Title (de)

Haubenartiger industrieller Geschirrspüler mit verbesserter Filteranordnung

Title (fr)

Lave-vaisselle industriel de type à cloche doté d'un ensemble filtre amélioré

Publication

EP 2263512 B2 20190109 (EN)

Application

EP 09425235 A 20090617

Priority

EP 09425235 A 20090617

Abstract (en)

[origin: EP2263512A1] A hood-type industrial dishwasher includes a first filtering element (1) introduced into an opening (2a) of a concave-shaped flat filter (2) suitable to act as a lid for the collecting sump (3) formed in the tank bottom, as well as a second filtering element (5) introduced into an opening formed at the bottom of the collecting sump (3) and partially received within a manifold (6) for the connection to the wash and drain pumps which is secured under said opening of the sump (3), said second filtering element (5) forming in combination with said first filtering element (1) a filter assembly extending between said flat filter (2) and a pipe (DP) leading to the drain pump. The presence of the first filtering element (1) to retain the largest residues and the proportions between the various passage cross-sections of the filter assembly allow to achieve a greater filtering effectiveness with reduced clogging risk.

IPC 8 full level

A47L 15/00 (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP)

A47L 15/0081 (2013.01); **A47L 15/4204** (2013.01); **A47L 15/4206** (2013.01)

Citation (opposition)

Opponent :

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- EP 1386575 A1 20040204 - CANDY SPA [IT]
- US 5762080 A 19980609 - EDWARDS JAMES M [US], et al
- EP 2042073 A1 20090401 - BONFERRARO SPA [IT]
- EP 1477552 A1 20041117 - ECOLAB INC [US]
- EP 0468517 A1 19920129 - DAIKIN IND LTD [JP]
- DE 19906791 A1 20000824 - MIELE & CIE [DE]
- DE 3723721 A1 19880526 - CANDY ELETTRDOMESTICI [IT]
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Cited by

ITTO20120164A1; JP2018102557A; US2016374535A1; US2017202425A1; US10813525B2; WO2013126482A1; US10893791B2

Designated contracting state (EPC)

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