

Title (en)

A DISHWASHER COMPRISING A FILTERING MECHANISM

Title (de)

GESCHIRRSPÜLMASCHINE MIT EINEM FILTERMECHANISMUS

Title (fr)

LAVE-VAISSELLE COMPRENANT UN MÉCANISME DE FILTRATION

Publication

**EP 4368094 A1 20240515 (EN)**

Application

**EP 23207204 A 20231031**

Priority

TR 202216788 A 20221107

Abstract (en)

The present invention relates to a dishwasher comprising a washing tub wherein the dishes to be washed are loaded; a sump which is disposed at the lower side of the washing tub and wherein the water in the washing tub is collected during the washing process; and a filtering mechanism (1) which is disposed in the sump, which is cylindrical and which has a micro filter (3) collecting the dirt in the water, a coarse filter (2) placed on the micro filter (3) and a conical guiding member (4) hung at the base of the coarse filter (2) so as to extend into the micro filter (3) and guiding the water passing through the coarse filter (2) towards the lateral wall of the micro filter (3). The water reaching the filtering mechanism (1) passes through the coarse filter (2), then hits the lateral surface of the guiding member (4) disposed at the lower side of the coarse filter (2) and is directed towards the lateral wall of the micro filter (3).

IPC 8 full level

**A47L 15/42** (2006.01)

CPC (source: EP)

**A47L 15/4206** (2013.01); **A47L 15/4204** (2013.01); **A47L 15/4208** (2013.01)

Citation (applicant)

- EP 0855165 A2 19980729 - SMEG SPA [IT]
- EP 1386575 A1 20040204 - CANDY SPA [IT]

Citation (search report)

- [X] US 2015208895 A1 20150730 - LEE SANGHOON [KR], et al
- [XI] DE 2703434 A1 19780803 - LICENTIA GMBH
- [A] WO 2020094297 A1 20200514 - ARCELIK AS [TR]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4368094 A1 20240515**

DOCDB simple family (application)

**EP 23207204 A 20231031**