

Title (en)
Dishwashing machine and relative system for drying dishes

Title (de)
Geschirrspülmaschine und Anordnung zur Trocknung von Geschirr

Title (fr)
Lave-vaisselle et dispositif pour le séchage de la vaisselle

Publication
EP 2215953 A1 20100811 (EN)

Application
EP 10152220 A 20100201

Priority
IT MI20090135 A 20090204

Abstract (en)
A dishwashing machine is described (10) comprising at least one pre-wash area (12), provided with means (20, 24, 28, 32) for pre-washing dishes, at least one wash area (14), provided with means (22, 26, 30, 34) for washing dishes, at least one rinse area (16), provided with means (36, 38, 40, 42) for rinsing dishes, and at least one drying area (46), provided with means (48) for drying dishes. Such areas (12, 14, 16, 46) are arranged in series and are crossed by means (18) for transporting dishes. The drying area (46) comprises at least one dehumidifying device (50) which is able to dehumidify the air conveyed by the drying means (48) onto the dishes passing through the drying area (46). The drying area (46) also comprises a plurality of closed ducts (54), that is to say without any type of openings that allow the air to be exchanged with outside, which are able to convey dry air, coming from the dehumidifying device (50), towards the dishes passing through such a drying area (46). The drying area (46) is thus able to carry out the drying of the dishes by blowing completely recycled dry air, at high speed, onto the dishes themselves.

IPC 8 full level
A47L 15/24 (2006.01)

CPC (source: EP)
A47L 15/241 (2013.01); **A47L 15/247** (2013.01)

Citation (applicant)
DE 7800591 U1 19781019

Citation (search report)
• [XI] DE 7800591 U1 19781019
• [XY] US 3144872 A 19640818 - KEARNEY THOMAS J
• [YA] DE 3019922 A1 19811203 - STIERLEN MAQUET AG [DE]
• [A] DE 3041635 A1 19820609 - STIERLEN MAQUET AG [DE]
• [A] GB 2030446 A 19800410 - WEXIOEDISK AB

Cited by
US10376130B2; US10433703B2; WO2015080928A1; WO2017189244A1

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2215953 A1 20100811; **EP 2215953 B1 20150408**; ES 2541675 T3 20150723; IT 1398727 B1 20130318; IT MI20090135 A1 20100805

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