

Title (en)
HOUSEHOLD DISH-WASHING MACHINE

Title (de)
HAUSHALTSGESCHIRRSPÜLMASCHINE

Title (fr)
LAVE-VAISSELLE DOMESTIQUE

Publication
EP 3040010 A1 20160706 (EN)

Application
EP 15202855 A 20151229

Priority
IT TO20141131 A 20141231

Abstract (en)
A dish-washing machine has a washtub, in which there can be housed at least one lower dish rack (9) and one upper dish rack (10), and a sprinkler system (5), which comprises a lower sprinkler device (6) configured for spraying water upwards, towards the lower rack (9), an intermediate sprinkler device (7), configured for spraying water upwards, towards the upper rack (10), and an upper sprinkler device (8), configured for spraying water downwards, towards the lower rack (10). At least the lower sprinkler device (6) and the intermediate sprinkler device (7) comprise respective rotary sprinklers, and at least the intermediate sprinkler device (7) and the upper sprinkler device (8) are supplied via a canalization (12) having an initial portion (12a), an intermediate portion (12b) and a final portion (12c), which extend substantially at a lower wall, a rear wall and an upper wall of the tub, respectively. The sprinkler system (5) comprises at least one further stationary sprinkler device (13) within the tub, configured for spraying water towards one of the lower rack (9) and the upper rack (10). The canalization (12) comprises a first duct and a second duct, for supplying the intermediate sprinkler device (7) and the upper sprinkler device (8), respectively, independently of one another. The at least one further stationary sprinkler device (13) is connected in fluid communication with one of the first duct and the second duct, so as to be supplied together with the intermediate sprinkler device (7) or the upper sprinkler device (8), respectively.

IPC 8 full level
A47L 15/16 (2006.01); **A47L 15/23** (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP)
A47L 15/16 (2013.01); **A47L 15/23** (2013.01); **A47L 15/4219** (2013.01); **A47L 15/4221** (2013.01)

Citation (applicant)
• EP 1488730 A1 20041222 - WHIRLPOOL CO [US]
• WO 2014102738 A1 20140703 - INDESIT CO SPA [IT]
• WO 2008029222 A2 20080313 - INDESIT CO SPA [IT], et al
• EP 0829221 A2 19980318 - MERLONI ELETTRODOMESTICI SPA [IT]
• EP 0401767 A1 19901212 - ZANUSSI A SPA INDUSTRIE [IT]
• WO 8301892 A1 19830609 - ELECTROLUX AB [SE]
• WO 2014155333 A1 20141002 - INDESIT CO SPA [IT]

Citation (search report)
• [AD] EP 1488730 A1 20041222 - WHIRLPOOL CO [US]
• [AD] WO 2014102738 A1 20140703 - INDESIT CO SPA [IT]
• [AD] WO 2014155333 A1 20141002 - INDESIT CO SPA [IT]
• [A] EP 2583614 A2 20130424 - INDESIT CO SPA [IT]

Cited by
EP3501369A1; FR3075586A1; USD937506S

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3040010 A1 20160706; EP 3040010 B1 20170802

DOCDB simple family (application)
EP 15202855 A 20151229