

Title (en)
HOUSEHOLD DISH-WASHING MACHINE

Title (de)
HAUSHALTSGESCHIRRSPÜLMASCHINE

Title (fr)
LAVE-VAISSELLE DOMESTIQUE

Publication
EP 3040011 B1 20190724 (EN)

Application
EP 15202869 A 20151229

Priority
IT TO20141132 A 20141231

Abstract (en)
[origin: EP3040011A1] A dish-washing machine has a washtub, in which there can be housed at least one lower dish rack and one upper dish rack, and a sprinkler system, which comprises a lower sprinkler device configured for spraying water upwards, towards the lower rack, and at least one of an intermediate sprinkler device, configured for spraying water upwards, towards the upper rack, and an upper sprinkler device, configured for spraying water downwards, towards the lower rack. The lower sprinkler device and the at least one of the intermediate sprinkler device and the upper sprinkler device comprise respective rotary sprinklers, the at least one of the intermediate sprinkler device and the upper sprinkler device being supplied via a canalization (12) having at least one first portion (12a) and one second portion (12b), and possibly one third portion, which extend substantially at a lower wall, a rear wall and an upper wall of the tub, respectively. The sprinkler system comprises at least one further stationary sprinkler device (13) within the tub, configured for spraying water towards one of the lower rack and the upper rack, in fluid communication with a duct (14, 15) of the canalization (12). The further stationary sprinkler device (13) has a hollow body (25) with a coupling portion (25a) having, on a rear side thereof facing the canalization (12), at least one of mechanical-coupling means (27) and hydraulic-coupling means (33) for coupling to the canalization (12), which are configured for quick coupling with respect to corresponding mechanical-coupling means (32) and hydraulic-coupling means (34) provided in a corresponding coupling portion of the canalization (12). The coupling portions of the canalization (12) and of the hollow body preferably have both the respective mechanical-coupling means (27, 32) and the respective hydraulic-coupling means (33, 34).

IPC 8 full level
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CPC (source: EP)
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Cited by
EP3666156A1; EP3508107A1; KR20190083447A; AU2019200018B2; US11253133B2; US11278178B2; EP3508108A1; AU2019200019B2; KR20230018192A; US11484176B2; US11744435B2

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