

Title (en)
DISHWASHING MACHINE WITH DRYING SYSTEM

Title (de)
GESCHIRRSPÜLMASCHINE MIT EINEM TROCKNUNGSSYSTEM

Title (fr)
MACHINE À LAVER LA VAISSELLE AVEC SYSTÈME DE SÉCHAGE

Publication
EP 3000377 A1 20160330 (EN)

Application
EP 15192917 A 20120918

Priority
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Abstract (en)
A dishwashing machine having a drying system comprises a basement (2) and a wash tub (3) supported by the basement (2). The drying system comprises: - an inlet (20-22) for introducing drying air into the tub (3); - an outlet for evacuating damp air from the tub (3); - a condenser device (31), having a hollow body provided with a respective inlet, in fluid communication with the outlet for the damp air, and a respective outlet, in fluid communication with the environment external to the tub (3), the condenser device (31) having a first portion (34) that generally faces a side wall (3d) of the tub (3) and that defines a condensation path for the damp air leaving the tub (3); - a fan (11), comprising a casing (12) housed in which is an impeller (13) driven by a corresponding motor, the casing (12) being mounted in the basement (2); and - means for heating the drying air, operatively set along a first conduit (15) that connects the delivery of the fan (11) to the inlet for the drying air (20-22). The inlet for the drying air (20-22) includes a chimney (21), which extends through the lower wall (3a) of the tub (3) and has an upper end and a lower end (21b) coupled to which are, respectively, a chimney cap (22) and an outlet end of the first conduit (15).. The piping includes a first conduit (15) having a generally V-shape, i.e. it comprises a substantially descending stretch (15a) from a respective first end towards an intermediate elbow stretch (15c) and a generally ascending stretch (15b) from the elbow stretch (15c) towards a respective second end (16).

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Citation (applicant)
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