

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 B1 20170802 (EN)**

Application  
**EP 15192917 A 20120918**

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• EP 12780840 A 20120918

Abstract (en)  
[origin: WO2013042036A1] 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 ( 1 1 ), 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 (1 5) that connects the delivery of the fan (1 1 ) 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 (21 b) coupled to which are, respectively, a chimney lid (22) and an outlet end of the first conduit (15). The outlet for the damp air is defined in the upper wall (3b) of the tub (3), and the condenser device (3 1 ) comprises a second portion (35) that extends between the outlet for the damp air and an upper region of the first portion (34) of the condenser device (31).

IPC 8 full level  
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Cited by  
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