

Title (en)  
DISHWASHING MACHINE

Title (de)  
GESCHIRRSPÜLMASCHINE

Title (fr)  
LAVE-VAISSELLE

Publication  
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Application  
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Abstract (en)  
A dishwashing machine (100), comprising a cavity (101), an evaporator air channel (108), a condenser air channel (109), and a heat pump drying system (107). A spraying arm assembly (60) is disposed within the cavity (101). The evaporator air channel (108) and the condenser air channel (109) are spaced apart. The heat pump drying system (107) comprises a compressor (1072), a first condenser (1071), a second condenser (1075), a throttle device (1074), and an evaporator (1073) that are connected together. The first condenser (1071) performs heat exchange with a washing liquid of the spraying arm assembly (60). The second condenser (1075) is disposed at the condenser air channel (109). The evaporator (1073) is disposed at the evaporator air channel (108). The heat pump drying system (107) is configured to heat, by using the second condenser (1075), air discharged from the cavity (101) via the condenser air channel (109), then return the same to the cavity (101), and to use the evaporator (1073) to cool and remove the moisture from air outside of the cavity (101) via the evaporator air channel (108).

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