

Title (en)

Steam-condensation drying device applied to a dishwashing machine

Title (de)

Dampfkondensierungs-Trocknungsvorrichtung in einer Geschirrspülmaschine

Title (fr)

Dispositif de séchage à condensation de vapeur appliqué à un lave-vaisselle

Publication

EP 0755652 A3 19970611 (EN)

Application

EP 96830404 A 19960723

Priority

IT MI951623 A 19950726

Abstract (en)

[origin: EP0755652A2] A device for drying the dishes in a dishwashing machine includes an electric motor (1) driving a fan (2) which drains away the moist air from the dishwasher tank through an upper mouth (3) and reintroduces it into the tank through a lower mouth (4), the duct (5) included between the drain mouth (3) and the fan (2) acting as a condensation duct arranged adjacent to the tank, and further includes a second duct (7) for cooling which has a wall in common with said condensation duct (5), as well as a sucking means which sucks up fresh air from the room and sends it along said second duct (7) for cooling. Said sucking means consists of a second fan (6) mounted onto the same shaft of the motor (1) as the draining fan (2). The cooling of the wall of the condensation duct (5) assures greater effectiveness of the device. <IMAGE>

IPC 1-7

A47L 15/48

IPC 8 full level

A47L 15/48 (2006.01)

CPC (source: EP)

A47L 15/483 (2013.01); **A47L 15/486** (2013.01)

Citation (search report)

[X] US 5337500 A 19940816 - ENOKIZONO TOMOKI [JP]

Cited by

EP1097669A3; DE112005000920B4; DE10013416A1; DE112005000856B4; DE102007008950B4; DE10013399A1; EP1142527A3; CN108272427A; WO2006080706A1; WO2010023084A3; DE102007008950A1; US8671587B2; WO2008101597A1

Designated contracting state (EPC)

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