Title (en)

Hood-type industrial dishwasher with improved drying circuit

Title (de)

Hauben-Geschirrspülmaschine mit verbessertem Trocknungskreislauf

Title (fr)

Lave-vaisselle à capot avec un circuit de séchage amélioré

Publication

EP 2163181 A1 20100317 (EN)

Application

EP 08425596 A 20080910

Priority

EP 08425596 A 20080910

Abstract (en)

In a hood-type industrial dishwasher with a wash chamber defined by a hood (1), a bottom tank (2) and a rear vertical wall (3) that makes part of the stationary lower part of the dishwasher, as well as with a drying circuit comprising a condensation duct (5) containing a fan (6) and a condenser (7), the drying circuit includes a suction duct (4) located at the top of said hood (1) and suitable to connect (B, C) with the condensation duct (5) when the hood (1) is closed. In this way, it is possible to perform an effective drying of the dishes even in a short time thanks to the fact that the hottest and most humid portion of the air present within the wash chamber is efficiently sucked away at the top of the hood (1) and there is achieved an almost uniform airflow across the whole wash chamber. Furthermore, since there is achieved an air recirculation drying without a sudden decrease in the temperature of the dishes due to the inflow of external air, it is possible to exploit also the drying phase for the sanification of the dishes.

IPC 8 full level

A47L 15/48 (2006.01)

CPC (source: EP)

A47L 15/0081 (2013.01); **A47L 15/483** (2013.01); **A47L 15/486** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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