

Title (en)
DISHWASHER

Title (de)
GESCHIRRSPÜLER

Title (fr)
LAVE-VAISSELLE

Publication
EP 3838103 A4 20220504 (EN)

Application
EP 19849901 A 20190813

Priority
• KR 20180094142 A 20180813
• KR 2019010281 W 20190813

Abstract (en)
[origin: EP3838103A1] The present disclosure relates to a dishwasher. The dishwasher according to the present disclosure includes a cabinet forming an external shape; a tub which is disposed inside the cabinet, and forms a washing chamber in which dishes are processed therein; a first circulation duct through which air discharged from the washing chamber flows; a second circulation duct which sends the air flowing through the first circulation duct to the washing chamber; an outside air inflow duct through which air introduced from the outside of the cabinet flows; a heat exchange duct which heat exchanges the air flowing through the outside air inflow duct with the air flowing through the first circulation duct, and discharges the heat-exchanged air to the outside; and a fan assembly which is disposed in a lower side of the tub, and forms a flow of air, wherein the fan assembly includes: a first fan that rotates around a vertically formed rotation shaft, and forms any one of air flow from the first circulation duct to the second circulation duct or air flow from the outside air inflow duct to the heat exchange duct; a second fan which is disposed below the first fan and rotates around a vertically formed rotation shaft, and forms remaining one of air flow from the first circulation duct to the second circulation duct or air flow from the outside air inflow duct to the heat exchange duct; a fan housing forming a first chamber forming a space in which the first fan is disposed and a second chamber forming a space in which the second fan is disposed; and a fan motor which is disposed below the second fan, and rotates the first fan and the second fan.

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Citation (search report)
• [X] US 3068877 A 19621218 - JACOBS JAMES W
• [A] US 2013152968 A1 20130620 - BERTSCH ROGER J [US], et al
• [A] EP 0239012 A1 19870930 - MIELE & CIE [DE]
• See also references of WO 2020036405A1

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