

Title (en)

Dishwasher with an opening or similar connecting the washing compartment with the ambient air

Title (de)

Geschirrspülmaschine mit einer den Spülraum mit der Umgebungsluft verbindenden Entlüftungsöffnung oder dergl.

Title (fr)

Machine à laver la vaisselle dont la cuve de lavage est pourvue d'une ouverture d'aération en communication avec l'air ambiant

Publication

EP 0521815 B2 19980318 (DE)

Application

EP 92710019 A 19920627

Priority

DE 4121838 A 19910702

Abstract (en)

[origin: EP0521815A1] In a dishwasher (1) with a washing compartment (3) which can be closed by means of an appliance door (2), a vent (4) or the like for the dishwasher container in the appliance door (2), which vent connects the washing compartment to the ambient air, and a mixing chamber (5) for removal of the moist air from the washing compartment when the dishes are being dried, a separate fresh air duct (6) opens out into the mixing chamber (5). A fan (7), which is arranged downstream of the fresh air duct (6) and the vent (4) for the dishwasher container, is provided for transport of the mixing air. The mixing chamber (5) can be set to a modifiable mixing ratio of the fed-in fresh air to the moist air sucked from the washing compartment, while the volumetric flow rate of mixing air remains constant. By these measures, optimum removal of vapour from the washing container in order to improve drying of the dishes, with a shorter program running time and without the visible formation of vapour, is achieved for a small structural outlay and a very small space requirement. <IMAGE>

IPC 1-7

A47L 15/48

IPC 8 full level

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CPC (source: EP)

A47L 15/4257 (2013.01); **A47L 15/488** (2013.01)

Cited by

WO2004019750A1; CN110087850A; US2011126864A1; US8758525B2; EP1721559A1; AU2006245848B2; US11202553B2; EP1127532A3; EP2636357A1; KR101295935B1; GB2274772A; FR2701202A1; GB2274772B; EP3020319A1; US9364134B2; US8161986B2; US9763555B2; WO2018116100A3; WO2014180648A1; WO2006120062A1; USRE40123E; US7909939B2; US10076226B2; US9833121B2; US10058228B2; WO2023128964A1; US9700196B2; US11882977B2; US9861251B2; US10178939B2; US10314457B2; US9918609B2; US10070769B2; US10779703B2; US9649007B2; US9757008B2; US9826882B2; US9962060B2; US9687135B2; US9833120B2; US10058227B2; US9668636B2; US9730570B2; US10376128B2; US11134825B2; US10653291B2; US10813525B2; WO2013025668A1; WO2022069646A1

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