

Title (en)

LAUNDRY TREATING MACHINE INCLUDING A CONDENSER HAVING AN INJECTION DEVICE

Title (de)

WÄSCHEBEHANDLUNGSMASCHINE MIT EINEM KONDENSATOR MIT EINER INJEKTIONSVORRICHTUNG

Title (fr)

MACHINE DE TRAITEMENT DU LINGE COMPRENANT UN CONDENSEUR AYANT UN DISPOSITIF D'INJECTION

Publication

EP 4215666 A1 20230726 (EN)

Application

EP 23150915 A 20230110

Priority

EP 22382046 A 20220124

Abstract (en)

The invention relates to a laundry treating machine 1 having a tub 4 including an inside 5 for receiving laundry 2 to be treated, said tub 4 including an essentially cylindrical shell 6 and a circular back wall 7 closing said shell 6 at an end thereof, and an air guiding circuit 11 for guiding an air flow through said tub 4, said air guiding circuit 11 including a condenser 12 having an injection device 13 for injecting a liquid into the air flow for condensing humidity from the air flow. Said condenser 12 is shaped as a segment of an annulus and placed on said back wall 7 in said tub 4, said injection device 13 includes a pipe section 14 for guiding the liquid to be sprayed and extending along said back wall 7, said pipe section 14 having a multiplicity of nozzles 15 for spraying the liquid into said condenser 12, and said condenser 12 includes a first opening 16 for guiding the air flow from said inside 5 into said condenser 12 and a second opening 17 for guiding said air flow out of said condenser 12 and out of said tub 4.

IPC 8 full level

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Citation (applicant)

- EP 3379992 B1 20191106 - BSH HAUSGERAETE GMBH [DE]
- WO 2011113803 A1 20110922 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al

Citation (search report)

- [X] KR 20080071425 A 20080804 - LG ELECTRONICS INC [KR]
- [X] KR 20200081901 A 20200708 - LG ELECTRONICS INC [KR]
- [X] WO 2020088646 A1 20200507 - HISENSE SHANDONG REFRIGERATOR CO LTD [CN]

Designated contracting state (EPC)

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