

Title (en)

Washing and drying machine with an improved safety device against water pollution

Title (de)

Waschtrockner mit einer Sicherheitsvorrichtung gegen Wasserverschmutzung

Title (fr)

Machine à laver et à sécher avec dispositif de sécurité contre la pollution de l'eau

Publication

EP 0552843 B1 19960403 (EN)

Application

EP 93200131 A 19930120

Priority

IT MI920131 A 19920124

Abstract (en)

[origin: EP0552843A1] The washing and drying machine includes in a manner known in it self, for the washing part, a washing container (1), a rotating laundry drum (2) rotatably housed in said container (1) and a detergent holder (5) with washing water flowing through it from a port (8) for the supply of washing water provided with an air gap and endowed with an overflow outlet (6) and, for the drying part, a steam condenser (10) communicating with the inside of said container (1) to receive the steam emanated by the washed laundry contained in the drum (2) and with a nozzle (11) for spraying cold water for the condensation of said steam, an aspirator (24) associated with said condenser (10) for the aspiration of the condensed steam formed in said condenser (10) and for its conveyance to a drying area (14) for the formation of dry hot air and a recirculation conduit (16) of dry hot air inside said container (1). With a view to ensuring the desired anti-pollution safety in the drying stage as well, the spraying nozzle (11) communicates with a space (18) above the detergent holder (5), that is located below a supply port (19) of condensation water with a predetermined air gap with respect to it and has an overflow level that is higher than that of said overflow outlet (6). <IMAGE>

IPC 1-7

D06F 25/00

IPC 8 full level

D06F 25/00 (2006.01)

CPC (source: EP US)

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Cited by

EP2471998A1; KR100531328B1; EP1094141A3; CN102767064A; KR100774487B1; EP2843119A1; US8132339B2; KR101041070B1; US7908766B2; WO2006062261A1; WO2006062262A1; WO2015028500A1; US8826559B2; US8863400B2; US11186943B2; US11761141B2; EP2471994A1; WO2012093059A1; US9335095B2; EP2270276A1; EP2957671A1; EP3425108A1; US10519592B2; EP2270274A1; WO2011000760A1; EP2660381A1; EP2660382A1; EP2660383A1; EP3109358A1; US10508384B2

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