

Title (en)

Safety device against water pollution for the drying circuit of a washing and drying machine.

Title (de)

Sicherheitsvorrichtung gegen Wasserverschmutzung für den Trocknungskreislauf eines Waschtrockners.

Title (fr)

Dispositif de sécurité contre la pollution de l'eau pour le circuit de séchage d'une machine à laver et à sécher.

Publication

EP 0552842 A1 19930728 (EN)

Application

EP 93200130 A 19930120

Priority

IT MI920054 U 19920124

Abstract (en)

The washing and drying machine includes in a manner known in itself a washing container (1), a rotating laundry drum (2) rotatably housed in said container (1) and a steam condenser (4) communicating with the inside of said container (1) to receive the steam emanated by the washed laundry contained in the drum (2) and housing a nozzle (5) for spraying cold water for the condensation of the abovementioned steam. In order to ensure a desired anti-pollution safety in the drying step as well, there is a pressure switch (11) connected to the steam condenser (4) and calibrated so as to determine the interruption of the supply of water to the spraying nozzle (5) when a level of water is detected in the container that is higher than a predetermined level (B) but lower than the level of supply (C) of said spraying nozzle (5). <IMAGE>

IPC 1-7

D06F 25/00; **D06F 58/24**

IPC 8 full level

D06F 25/00 (2006.01); **D06F 58/24** (2006.01)

CPC (source: EP US)

D06F 58/20 (2013.01 - EP US); **D06F 25/00** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US)

Citation (search report)

- [A] DE 8902051 U1 19890406
- [A] FR 2623531 A1 19890526 - CANDY IND SPA [IT]

Cited by

ES2143892A1; CN110804850A; KR20030061188A; CN111197235A; US8132339B2; EP0743389A1; CN111155286A; WO2021143219A1; WO2018103831A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0552842 A1 19930728; **EP 0552842 B1 19960417**; DE 69302181 D1 19960523; DE 69302181 T2 19961031; IT 226191 Z2 19970602; IT MI920054 U1 19930724; IT MI920054 V0 19920124

DOCDB simple family (application)

EP 93200130 A 19930120; DE 69302181 T 19930120; IT MI920054 U 19920124