

Title (en)

Condenser-type clothes drying machine provided with a water failure safety arrangement

Title (de)

Wäschetrockner mit einem Kondensator mit einer Sicherheitsvorrichtung gegen Wassermangel

Title (fr)

Sèche-linge à condensation avec dispositif de sécurité contre le manque d'eau

Publication

EP 0743389 A1 19961120 (EN)

Application

EP 96106698 A 19960427

Priority

IT PN950026 A 19950518

Abstract (en)

Clothes drying machine comprising an arrangement provided for condensing the moisture out of the drying air, said arrangement being provided with at least a spray nozzle (7) ejecting a jet of atomized water that intercepts the flow of hot drying air passing through said condensing arrangement, the latter being also provided with means adapted to detect a failure in the inflow of the water required for condensation. In a preferred manner, the clothes drying machine is provided with pressure switch means (8) capable of measuring the pressure that builds up at a point (9) located below the lowest portion of the vessel, and is arranged so as to be capable of detecting two successive values of the pressure building up at said lowest point during a pre-established period of time, so as to compare said two pressure values and generate a corresponding signal in the case that the second pressure value detected at the end of said period exceeds the first pressure value detected at the beginning of said period by an extent that is greater than a pre-established value. <IMAGE>

IPC 1-7

D06F 58/24

IPC 8 full level

D06F 58/24 (2006.01)

CPC (source: EP US)

D06F 58/24 (2013.01 - EP US); **D06F 2103/58** (2020.02 - EP US)

Citation (search report)

- [A] DE 1242303 B 19670615 - SIEMENS ELEKTROGERAETE GMBH
- [A] FR 2332360 A1 19770617 - ESSWEIN SA [FR]
- [A] EP 0552842 A1 19930728 - CANDY SPA [IT]
- [A] US 2695460 A 19541130 - KENDALL CLARK
- [A] DE 2429078 A1 19760108 - GESCHKA HUGO WERNER

Cited by

EP3081688A3; EP2278061A1; EP3181751A1; US8132339B2; KR100595188B1; KR20030061188A; US10648125B2; US11585032B2

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