

Title (en)

A door locking means for a washing and/or drying machine for laundry.

Title (de)

Türverriegelungsvorrichtung für eine Waschmaschine oder einen Wäschetrockner.

Title (fr)

Dispositif de verrouillage de porte pour machine à laver ou à sécher le linge.

Publication

EP 0381022 A1 19900808 (EN)

Application

EP 90101353 A 19900124

Priority

IT 4570689 A 19890130

Abstract (en)

A door locking means for a washing and/or drying machine for laundry, adapted to keep the door locked during the washing or drying cycle selected and to unlock the door after the end of the cycle or if the door is prematurely opened during the washing or drying cycle. The means comprises a bimetallic element (5) associated both with a pin (12) interacting with the lock (13) of the door, and with an electric contact (8) connected before the general switch (4) of the machine and adapted to be closed on a conventional-type optical or acoustic warning means (11) adapted to signal the locked or unlocked state of the door. The bimetallic element (5) is furthermore provided with an electric contact (1) adapted to be closed on the electric components of the machine and to be activated by the element simultaneously with the other electric contact (8). In this way the warning means (11) is switched on and off when the contact (7) of the bimetallic element (5) is closed and open, respectively, in the particular locked or unlocked state of the door, thereby preventing any incorrect activation of the door.

IPC 1-7

D06F 37/42

IPC 8 full level

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CPC (source: EP US)

D06F 37/42 (2013.01 - EP US); **E05B 47/0009** (2013.01 - EP US)

Citation (search report)

- [A] DE 3003895 A1 19800814 - TURNRIGHT CONTROLS
- [A] GB 2128283 A 19840426 - TEXAS INSTRUMENTS ITALIA SPA

Cited by

US6036241A; CN1035276C; EP0808935A3; EP1662036A3; US7543346B2

Designated contracting state (EPC)

AT DE ES FR GB IT SE

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