

Title (en)

Top-loading clothes washing machine drum comprising a locking device with a sliding latch

Title (de)

Trommel einer von oben beschickbaren Waschmaschine mit einer Verriegelungsvorrichtung mit Schieberiegel

Title (fr)

Tambour d'une machine à laver le linge à chargement par le dessus avec un dispositif de verrouillage doté d'un loquet coulissant

Publication

EP 2348148 A1 20110727 (EN)

Application

EP 10151662 A 20100126

Priority

EP 10151662 A 20100126

Abstract (en)

A security latch (4) for preventing the unintentional release of drum access doors (100,200) of a top loading clothes washing machine drum provided with two door sections, one of the door sections carrying the catches, the other carrying the slots. The security latch is associated with a stop (T) against the rim (R) of the door containing the slots, when the doors are closed. The stop is positioned on the door carrying the catches and comprises a push button which is returnable towards the outside of a hollow socket by a spring (K). The stop (T) is the end of a member (S) which is slidable towards the drum interior according to a sliding direction (D) which forms a predetermined acute angle (\pm) with a tangential direction of the drum circumference at the intersection point (P) with the same circumference.

IPC 8 full level

D06F 37/10 (2006.01)

CPC (source: EP US)

D06F 37/10 (2013.01 - EP US)

Citation (search report)

- [A] FR 2819272 A1 20020712 - ELECTROLUX HOME PRODUCTS FRANC [FR]
- [A] FR 2730249 A1 19960809 - CIAPEM [FR]
- [AD] EP 0402252 A1 19901212 - ARDAM SNC [FR]
- [AD] DE 2237409 A1 19740207 - SIEMENS ELEKTROGERAETE GMBH
- [A] EP 1992728 A2 20081119 - INDESIT CO SPA [IT]

Cited by

CN110130065A; CN110195316A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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