

Title (en)

Front loader washing machine with improved door

Title (de)

Frontladerwaschmaschine mit verbesserter Tür

Title (fr)

Machine à laver à chargement frontal dotée d'une porte améliorée

Publication

**EP 1964962 A1 20080903 (EN)**

Application

**EP 07003961 A 20070227**

Priority

EP 07003961 A 20070227

Abstract (en)

Front loader household washing machine comprising an outer cabinet (1) with a tub and a drum, both provided with respective openings (2,3) which correspond each other, a third opening placed on the front side of said cabinet, a door rotating on a first hinge on an edge of said third opening (4), a spiker, placed on a portion of the inner surface of the frame of said door, selectively controllable claspings means placed on the inner surface of said cabinet in correspondence to the portion of the inner edge of said third opening, able to selectively block/unblock said spiker (6) when said (5) door is closed, control means able for disengaging said claspings means, a pressure device, as a second door placed on the outer surface of said door and actionable by a pressure inwards, or as a button placed on the outer surface of said door; on the inner portion of said pressure device a prolonged element (30) is placed, able of being inserted into said claspings means (8), which are provided with a sliding element (15), actionable by the prolonged element, to disengage the engaging means by pushing the pressure device.

IPC 8 full level

**D06F 37/28** (2006.01); **D06F 39/14** (2006.01)

CPC (source: EP US)

**D06F 37/42** (2013.01 - EP US); **D06F 39/14** (2013.01 - EP US)

Citation (search report)

- [A] FR 2643660 A1 19900831 - RICHARDIER MARTIN [FR]
- [A] DE 10144767 C1 20021128 - WHIRLPOOL CO [US]
- [A] WO 2006064070 A1 20060622 - GIRBAU SA [ES], et al

Cited by

US2016177495A1; US2020018012A1; US10815609B2; US2014150275A1; US9745686B2; CN109082847A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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