

Title (en)

Device and method for closing and opening the door of a drum

Title (de)

Vorrichtung und Verfahren zum Schliessen und Öffnen einer Trommeltür

Title (fr)

Système de porte de cuve et procédé de fermeture et d'ouverture d'une porte de cuve

Publication

EP 1626116 B1 20091202 (FR)

Application

EP 05291590 A 20050726

Priority

FR 0408586 A 20040803

Abstract (en)

[origin: EP1626116A1] The system has a tub door panel (15) to close an opening (13a) in a wall (16) of a tub (13), and an actuating unit (17) to actuate the panel between an open position and a closed position. Guide rails (18) guide an edge (15a) of the panel along a path tangential to the wall of the tub, and a lever and a guide rail guide another edge (15b) of the panel opposite to the edge (15a) along a path extending closer to the wall of the tub. Independent claims are also included for the following: (A) a washing machine including a revolving drum mounted inside a washing tub (B) a method for opening a tub door of a washing machine (C) a method for closing a tub door of a washing machine.

IPC 8 full level

D06F 37/10 (2006.01); **D06F 34/20** (2020.01)

CPC (source: EP US)

D06F 34/20 (2020.02 - EP US); **D06F 37/10** (2013.01 - EP US); **D06F 37/28** (2013.01 - EP US); **D06F 2103/40** (2020.02 - EP US)

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

DOCDB simple family (publication)

EP 1626116 A1 20060215; **EP 1626116 B1 20091202**; AT E450643 T1 20091215; DE 602005017987 D1 20100114; ES 2337587 T3 20100427; FR 2874029 A1 20060210; FR 2874029 B1 20061027; PL 1626116 T3 20100531

DOCDB simple family (application)

EP 05291590 A 20050726; AT 05291590 T 20050726; DE 602005017987 T 20050726; ES 05291590 T 20050726; FR 0408586 A 20040803; PL 05291590 T 20050726