

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 A1 20060215 (FR)**

Application

**EP 05291590 A 20050726**

Priority

FR 0408586 A 20040803

Abstract (en)

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)

Citation (applicant)

EP 1298242 A1 20030402 - SANYO ELECTRIC CO [JP]

Citation (search report)

- [X] DE 19806884 A1 19990826 - PHARMAGG SYSTEMTECHNIK GMBH [DE]
- [DA] EP 1298242 A1 20030402 - SANYO ELECTRIC CO [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 038 (C - 0800) 30 January 1991 (1991-01-30)

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