

Title (en)

Door locking device, in particular for the door of a laundry treatment machine

Title (de)

Türverriegelungsvorrichtung, insbesondere für die Tür einer Wäschebehandlungsmaschine

Title (fr)

Dispositif de verrouillage de porte, en particulier pour la porte d'une machine de traitement du linge

Publication

EP 1420100 B1 20070321 (DE)

Application

EP 03023308 A 20031015

Priority

DE 10252877 A 20021112

Abstract (en)

[origin: EP1420100A2] The door lock has a retaining catch (1) provided on the door side, which is pivoted between a closed position and an open position via a grip handle (3) pivoted to the door and a cooperating locking device securing the retaining catch in the closed position. The grip handle is secured to the bearing part (2) of the retaining catch via a magnetic coupling (4,5,6), allowing it to move independently of the bearing part when the retaining catch is locked.

IPC 8 full level

D06F 39/14 (2006.01); **D06F 37/42** (2006.01); **E05B 13/00** (2006.01); **E05B 17/00** (2006.01); **E05B 47/00** (2006.01); **E05C 3/04** (2006.01)

CPC (source: EP US)

D06F 37/42 (2013.01 - EP US); **D06F 39/14** (2013.01 - EP US); **E05B 13/005** (2013.01 - EP); **E05B 47/004** (2013.01 - EP US); **E05C 3/048** (2013.01 - EP)

Cited by

DE102014201924A1; CN110499963A; DE102013223431B3; RU2645611C1; WO2015117830A1; WO2018103832A1

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DOCDB simple family (publication)

EP 1420100 A2 20040519; **EP 1420100 A3 20060503**; **EP 1420100 B1 20070321**; AT E357552 T1 20070415; DE 10252877 C1 20031204; DE 50306833 D1 20070503; ES 2280664 T3 20070916

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