

Title (en)

DOOR-LOCK FOR HOUSEHOLD APPLIANCES, IN PARTICULAR WASHING MACHINES AND THE LIKE, WITH IMPROVED LOCKING MECHANISM

Title (de)

TÜRSCHLOSS FÜR HAUSHALTSGERÄTE, INSBESONDERE WASCHMASCHINEN UND DERGLEICHEN, MIT VERBESSERTEM VERRIEGELUNGSMECHANISMUS

Title (fr)

SERRURE DE PORTE POUR APPAREILS MÉNAGERS, EN PARTICULIER MACHINES À LAVER ET SIMILAIRES, AVEC MÉCANISME DE VERROUILLAGE AMÉLIORÉ

Publication

EP 3775352 B1 20230823 (EN)

Application

EP 19714296 A 20190325

Priority

- US 2019023859 W 20190325
- IT 201800004012 A 20180327

Abstract (en)

[origin: WO2019190976A1] Door-lock for household appliances, comprising: - a housing (16) having an opening for the insertion of a hook (24) carried by the door of the appliance, - a cam (20) rotatable relative to the housing (16) about a first axis (A) between a retaining position and a release position, wherein in the retaining position the cam (20) is adapted to lock said hook (26) in a closed-door position, - a locking pin (44) cooperating with a locking element (56) for locking said cam (20) in said retaining position and movable between a locking position and an unlocking position, and - a actuator (64) for moving the locking pin (44) between said locking position and said unlocking position, characterized in that said locking pin (44) is articulated to the housing about an axis (E) and oscillates about said axis (E) between said locking position and said unlocking position.

IPC 8 full level

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CPC (source: EP US)

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