

Title (en)  
DEVICE FOR CLOSING AND OPENING HATCHES, IN PARTICULAR OF HOUSEHOLD APPLIANCES, SUCH AS DISHWASHERS OR THE LIKE

Title (de)  
VORRICHTUNG ZUM SCHLIESSEN UND ÖFFNEN VON LUKEN, INSBESONDERE VON HAUSHALTSGERÄTEN, WIE GESCHIRRSPÜLMASCHINEN ODER DERGLEICHEN

Title (fr)  
DISPOSITIF DE FERMETURE ET D'OUVERTURE DE TRAPPES, EN PARTICULIER DE TRAPPES D'APPAREILS ÉLECTROMÉNAGERS TELS QUE DES LAVE-VAISSELLE OU SIMILAIRES

Publication  
**EP 4240928 A1 20230913 (EN)**

Application  
**EP 21811478 A 20211103**

Priority  
• IT 202000026263 A 20201104  
• IB 2021060151 W 20211103

Abstract (en)  
[origin: WO2022097026A1] A device (1000) for closing and opening doors and/or hatches and/or similar components, in particular of household appliances, such as washing machines, dishwashers, and the like, said device comprising an opening and closing assembly (100) comprising an opening and closing element (8) adapted to be alternately engaged and disengaged by a backing pin (3) adapted to be firmly fixed to said hatch or door, wherein said opening and closing element (8) is switchable by rotation about a first rotation axis (A) in a first rotation direction from a first position to a second position, and in a second rotation direction, opposite to said first rotation direction, from said second position to said first position, wherein the mutual engagement by pushing of said backing pin (3) against said opening and closing element (8) results in a first switching by rotation of said opening and closing element (8) from said first position to said second position in which said backing pin (3) is retained by said opening and closing element (8), wherein said opening and closing assembly (100) comprises a locking lever (9) switchable between a first own position thereof and a second own position thereof, and wherein the switching by rotation of said opening and closing element (8) about said first rotation axis (A) from said first position to said second position results in the switching of said locking lever (9) from said first own position thereof to said second own position thereof in which it engages and locks said opening and closing element (8).

IPC 8 full level  
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