

Title (en)

Device for automatically extracting a dispenser drawer of an electrical household appliance such as a washing machine, and electric household appliance featuring such a device

Title (de)

Vorrichtung zum automatischen Ausfahren einer Waschmittelschublade eines elektrischen Haushaltsgerätes, wie einer Waschmaschine, und Haushaltsgerät mit so einer Vorrichtung

Title (fr)

Dispositif pour l'extraction automatique d'un tiroir à détergents pour un appareil électrique domestique, en particulier une machine à laver et un appareil domestique équipé avec un tel dispositif

Publication

EP 1403415 B1 20100609 (EN)

Application

EP 03021226 A 20030918

Priority

IT TO20020813 A 20020919

Abstract (en)

[origin: EP1403415A2] A device for automatically extracting from a seat (4) a drawer (3) for dispensing detergent and/or other process fluids of an electric household appliance; the device including a release device (10), elastic means (11) for pushing the drawer from the seat into an extracted position, and decelerating means (12) for opposing the movement of the drawer; wherein the elastic means act on a rotary-to-linear motion conversion device (14) located between the drawer (3) and a fixed member of the seat (4) to produce a linear movement of the seat into the extracted position upon release of the elastic means (11); and wherein the decelerating means act on a rotary member (15) of the rotary-to-linear motion conversion device (14). <IMAGE>

IPC 8 full level

D06F 39/02 (2006.01)

CPC (source: EP US)

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Cited by

EP1903137A3; EP1593767A3; EP1683903A1; AU2007332341B2; EP2106472A4; EP3067458A1; EP2003237A1; EP1724387A1; EP2381027A1; RU2472883C2; EP3269870A4; EP2738298A3; CN103835097A; DE202015104215U1; US7651179B2; US8839648B2; US9499932B2; US8544973B2; WO2017025572A1; KR101290466B1; KR101364867B1; KR101290355B1; KR101290374B1; KR101290470B1; EP1754818A2; US8037720B2; EP2381027B1; EP2003237B1

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