

Title (en)  
Movement system for a door or openable part of an electrical household appliance and electrical household appliance equipped with the system

Title (de)  
Bewegungssystem einer Gerätetür eines elektrischen Haushaltgeräts und elektrisches Haushaltgerät mit dem System

Title (fr)  
Système de mise en mouvement d'une porte d'appareil électroménager et appareil électroménager avec le système

Publication  
**EP 2784257 A1 20141001 (EN)**

Application  
**EP 14161936 A 20140327**

Priority  
IT BO20130139 A 20130329

Abstract (en)  
A movement system for a door or openable part of an electrical household appliance (100) comprises a first hinge body (2) attachable to a frame (101), a second hinge body (3) attachable to a door (104) and rotatably connected to the first body (2) to rotate between a first, closed position and a second, open position, and movement means (5) by which the second body (3) is moved relative to the first body (2) and which comprise elastic means (6) and a link mechanism (7) associated with the elastic means (6) to transfer the force generated thereby to the second body (3) in such a way that the force contributes to rotating the second body (3) relative to the first body (2). The elastic means (6) are dimensioned to apply a force suitable for generating a moment which is smaller than a resistance moment (R) generated by the door (104) when the second body (3) is at the second position, and the movement means (5) comprise at least one actuator (8) associated with the link mechanism (7) and configured to act in conjunction with the elastic means (6) in order to deliver a total force such as to overcome the resistance moment and allow the door (104) to move from the second position to the first position.

IPC 8 full level  
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Citation (applicant)  
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