

Title (en)  
HOUSEHOLD APPLIANCE WITH A DOOR OPENING MECHANISM

Title (de)  
HAUSHALTSGERÄT MIT EINEM TÜRÖFFNUNGSMECHANISMUS

Title (fr)  
APPAREIL ÉLECTROMÉNAGER AVEC MÉCANISME D'OUVERTURE DE PORTE

Publication  
**EP 3841268 B1 20221214 (EN)**

Application  
**EP 19765819 A 20190809**

Priority

- PL 42677518 A 20180822
- PL 2019000065 W 20190809

Abstract (en)  
[origin: WO2020040653A1] Door opening mechanism for a household appliance, oven in particular, comprising a lock mounted in the appliance body, profile element located on the door of the appliance and, located between the body and the door, element exerting on a closed door constant force in the direction of opening, characterized in that the lock consists of a rigid base (1), a pair of closing arms (2), two helical pressing springs (4), a cam (5) mounted on the drive shaft (6), and the cam position sensor (7), wherein the closing arms (2) are mounted pivotally on the same axle (3) built in the base (1) and are intersecting each other in the place of mounting, wherein the free sections of the front parts (2a) of the closing arms (2) have hook-shaped ends and form a clamps extending below the base of the lock (1), while the profile element is a pin (8) comprising an integral part of the strip of the door (9).

IPC 8 full level  
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CPC (source: EP)  
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