

Title (en)

Domestic appliance, in particular cooking oven and method for displacing a door

Title (de)

Haushaltsgerät, insbesondere Garofen, sowie Verfahren zum Verschieben einer Tür

Title (fr)

Appareil ménager, notamment four de cuisson, et procédé de déplacement d'une porte

Publication

**EP 2362044 B1 20170412 (DE)**

Application

**EP 11153052 A 20110202**

Priority

DE 102010002099 A 20100218

Abstract (en)

[origin: EP2362044A2] The appliance has a hinge device for a pivotally mounted door (2), and a centerboard (6) rotatably supported in a hinge cabinet via a hinge axis. The hinge device is designed such that hinge device alters a layer in the appliance by the door. The cabinet is held by an elastic element i.e. plate spring, in a work position such that the elastic element pushes the cabinet in a downward direction with a force. A guide element is supported for tensioning levers connected with a counterweight spring. The guide element is formed as the axis protruding via a side wall of the cabinet. An independent claim is also included for a method for displacing a door of a household appliance.

IPC 8 full level

**E05D 3/02** (2006.01); **E05D 3/06** (2006.01); **E05F 1/12** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP)

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Citation (examination)

WO 2007072206 A2 20070628 - CMI SRL [IT], et al

Cited by

EP2977537A1; CN107440661A; CN107397517A; IT201900015246A1; EP2634336A3; US11490781B2; US11950742B2; EP3748235B1

Designated contracting state (EPC)

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