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)

E05D 3/022 (2013.01); **E05D 3/06** (2013.01); **E05F 1/1276** (2013.01); **E05F 5/00** (2013.01); **F24C 15/023** (2013.01); E05Y 2201/21 (2013.01); E05Y 2201/264 (2013.01); E05Y 2800/22 (2013.01); E05Y 2900/308 (2013.01)

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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DOCDB simple family (publication)

EP 2362044 A2 20110831; **EP 2362044 A3 20140416**; **EP 2362044 B1 20170412**; DE 102010002099 A1 20110818

DOCDB simple family (application)

EP 11153052 A 20110202; DE 102010002099 A 20100218