

Title (en)

Counterbalanced and braked hinge device for a door

Title (de)

Scharnier mit Vorrichtung zum Ausbalancieren und Bremsen einer Tür

Title (fr)

Charnière avec dispositif pour contrebalancer et freiner une porte

Publication

EP 1302150 A1 20030416 (EN)

Application

EP 02022587 A 20021008

Priority

IT BO20010620 A 20011010

Abstract (en)

A counterbalanced and braked hinge device for a door particularly for an appliance, and of the type includes a connection mean (1) to the appliance body, a support mean (2) to which the appliance door is connected, linking means (30) for connecting the connection mean (1) to the support mean (2) and balancing means (11) connected to the appliance body. The device (100) includes cam means (15), fixed to the balancing means (11) and connected to articulated members (8) which are connected to the support mean (2) and friction means (14), connected at least to the articulated members (8) and fit for mating with friction the connection mean (1); The cam means (15) are subjected to forces transmitted by the balancing means (11) and by the articulated members (8), causing the contact of the friction means (14) with the connection mean (1), exerting friction forces between the friction means (14) and the connection mean (1). <IMAGE>

IPC 1-7

A47L 15/42; **F24C 15/02**; **E05F 1/10**

IPC 8 full level

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CPC (source: EP)

A47L 15/4261 (2013.01); **E05D 11/08** (2013.01); **E05F 1/1276** (2013.01); **F24C 15/023** (2013.01); **E05Y 2201/26** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2900/304** (2013.01); **E05Y 2900/308** (2013.01)

Citation (search report)

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