

Title (en)
Hinging device for a household appliance

Title (de)
Hausgerät-Scharniervorrichtung

Title (fr)
Dispositif de charnière pour un appareil ménager

Publication
EP 1055882 B1 20050427 (DE)

Application
EP 00111210 A 20000524

Priority
DE 19923994 A 19990526

Abstract (en)
[origin: EP1055882A2] Due to their excentric axes (18 and 22) the connecting rod (24) and door part (20) move towards each other when the door par opened and vice versa in the closing operation. The respective arrester faces (44,46) facing each other engage when the door ope to produce a force of adhesion opposed to the force of the spring (30) so the door has to be closed into the upright position by hand. The arrester faces (44,46) have latching sectors engaging in pawl fashion when the door is opened crossways. The arrester (42) of the connecting rod (24) is on a resilient element (42) designed to yield in the transverse door opening movement. The do part (20) has a latching sector (50) engaged by the face of the rod latching sector in the open setting only.

IPC 1-7
F24C 15/02; **E05F 1/12**; **E05D 11/10**

IPC 8 full level
E05D 11/10 (2006.01); **E05F 1/12** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP)
E05D 11/10 (2013.01); **E05F 1/1276** (2013.01); **F24C 15/023** (2013.01); **E05D 3/022** (2013.01); **E05Y 2900/308** (2013.01)

Cited by
WO2009153186A1; US6789293B2; EP1719860A1; EP1703053A3; EP2244017A3; US2022186537A1; US11697955B2; US7234457B2; US10712017B2; US7445005B2; WO03072897A1; WO03072898A1

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EP 1055882 A2 20001129; **EP 1055882 A3 20031001**; **EP 1055882 B1 20050427**; AT E294361 T1 20050515; DE 19923994 A1 20001130; DE 50010139 D1 20050602

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