

Title (en)
Door closing device and door device provided therewith

Title (de)
Türschließvorrichtung sowie damit ausgestattete Türvorrichtung

Title (fr)
Dispositif de fermeture de porte et dispositif de porte doté de celui-ci

Publication
EP 2128370 B1 20140514 (EN)

Application
EP 09160008 A 20090512

Priority
JP 2008139107 A 20080528

Abstract (en)
[origin: EP2128370A2] A door closing device includes a device main body 6 attached to a door frame and a guided member 7 attached to a door A. The device main body 6 includes a door closing arm 20 which moves into and out of engagement with the guided member 7 with the turning of the door A, a biasing mechanism which holds the door closing arm 20 in a standby position in which the door closing arm 20 can engage with the guided member 7 when the guided member 7 is not engaged with the door closing arm 20, and forcedly turns the door closing arm 20 in the direction that closes the door A when the guided member 7 is engaged with the door closing arm 20, and a direct-acting shock-absorbing mechanism which suppresses the turning of the door closing arm 20 when the door closing arm 20 is turning in the direction that closes the door A, and promotes the turning thereof when the door closing arm 20 is turning in an opposite direction.

IPC 8 full level
E05F 5/02 (2006.01)

CPC (source: EP KR)
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