

Title (en)

Door hinge with integrated doorstop

Title (de)

Türscharnier mit integriertem Türfeststeller

Title (fr)

Charnière de porte avec arrêt de porte intégré

Publication

EP 1788176 B1 20100908 (FR)

Application

EP 06356134 A 20061121

Priority

FR 0511806 A 20051122

Abstract (en)

[origin: EP1788176A1] The hinge has a fixed knuckle (4) fixed on a motor vehicle body and a mobile knuckle (7) integrated to a swinging door. A door stop device has a retractable mobile element (17) e.g. rotary cam, on the fixed knuckle, and a protruding element (21) on the mobile knuckle. A spring (19) solicits the mobile element mounted in a guiding bore (18), and the protruding element cooperates with the mobile element. A spring (25) solicits a movable stop (23) which has a control knob (28) cooperating with the mobile or protruding element.

IPC 8 full level

E05D 11/10 (2006.01)

CPC (source: EP)

E05D 11/1007 (2013.01); **E05D 11/1057** (2013.01); **E05Y 2900/531** (2013.01)

Cited by

CN110636967A; FR2919330A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1788176 A1 20070523; **EP 1788176 B1 20100908**; AT E480687 T1 20100915; DE 602006016706 D1 20101021; FR 2893658 A1 20070525; FR 2893658 B1 20071221

DOCDB simple family (application)

EP 06356134 A 20061121; AT 06356134 T 20061121; DE 602006016706 T 20061121; FR 0511806 A 20051122