

Title (en)

Door hinge in particular for motor vehicles

Title (de)

Türscharnier insbesondere für Kraftfahrzeuge

Title (fr)

Charnière de porte notamment pour véhicules automobile

Publication

EP 1375803 B1 20051019 (DE)

Application

EP 03011830 A 20030526

Priority

DE 10228435 A 20020626

Abstract (en)

[origin: DE10228435C1] The door hinge has a hinge part (1) attached to the automobile door, provided with a hinge pin (3) and a hinge part (2) attached to the door column, provided with a housing (6) receiving the hinge pin. A retaining device (F) within the housing has 2 braking elements (13,14) respectively attached to the hinge pin and the housing, coupled together for preventing rotation of the hinge pin and released to allow its rotation by de-activation of a pressure device (D) via an operating device (B) with a control element attached to the hinge pin cooperating with a control profile (22) provided by a component of the retaining device.

IPC 1-7

E05D 11/08; E05D 11/10

IPC 8 full level

E05D 11/08 (2006.01); **E05D 11/10** (2006.01); **E05D 5/06** (2006.01)

CPC (source: EP)

E05D 5/10 (2013.01); **E05D 11/081** (2013.01); **E05D 11/1085** (2013.01); **E05D 5/062** (2013.01); **E05D 2005/102** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2900/531** (2013.01)

Cited by

EP2011942A1; EP2180122A1; WO2009007400A1; WO2009010437A3; US8806717B2; US10626646B1; JP2010533092A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1375803 A1 20040102; **EP 1375803 B1 20051019**; AT E307259 T1 20051115; DE 10228435 C1 20031211; DE 50301391 D1 20060302

DOCDB simple family (application)

EP 03011830 A 20030526; AT 03011830 T 20030526; DE 10228435 A 20020626; DE 50301391 T 20030526