

Title (en)  
HINGE WITH INTEGRATED STAY MECHANISM

Title (de)  
SCHARNIER MIT INTEGRIERTEM AUSSTELLERMECHANISMUS

Title (fr)  
CHARNIERE COMPRENANT UN MECANISME D'ARRET INTEGRE

Publication  
**EP 1841937 A1 20071010 (EN)**

Application  
**EP 05823888 A 20051229**

Priority  
• EP 2005014116 W 20051229  
• DE 102005001706 A 20050113

Abstract (en)  
[origin: WO2006074811A1] This invention relates to a hinge (1), particularly for the door of a motor vehicle, comprising a first hinge part (10, 110), a second hinge part (20, 120), a hinge shaft (30, 130, 131), which defines the pivot axis of the hinge (1), around which the first hinge part (10, 110) is pivotable with respect to the second hinge part (20, 120), and an integrated stay mechanism (40, 50, 140, 150) for a stepless locking of the first hinge part (10, 110) with respect to the second hinge part (20, 120) at an arbitrary fixing position, wherein the stay mechanism (40, 50, 140, 150) comprises a first fixing element (40, 140) which is selectively rotatably fixed at the first hinge part (10, 110) and selectively rotatable around the pivot axis by means of the second hinge part (20, 120), to set the stay position, and a second fixing element (50, 150) which is pivotable together with the second hinge part (20, 120) and latches with the first fixing element (40, 140) at the respective stay position.

IPC 8 full level  
**E05D 11/10** (2006.01); **E05D 11/08** (2006.01)

CPC (source: EP)  
**E05D 11/084** (2013.01); **E05D 11/1071** (2013.01); **E05D 2011/088** (2013.01); **E05Y 2201/49** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)  
See references of WO 2006074811A1

Designated contracting state (EPC)  
DE ES

DOCDB simple family (publication)  
**WO 2006074811 A1 20060720**; DE 102005001706 A1 20060727; EP 1841937 A1 20071010

DOCDB simple family (application)  
**EP 2005014116 W 20051229**; DE 102005001706 A 20050113; EP 05823888 A 20051229