

Title (en)  
Motor vehicle door hinge

Title (de)  
Kraftwagentürscharnier

Title (fr)  
Charnière de portière de véhicule à moteur

Publication  
**EP 1120521 A3 20010808 (DE)**

Application  
**EP 01110159 A 19970429**

Priority  
• DE 19626704 A 19960703  
• EP 97107056 A 19970429

Abstract (en)  
[origin: EP0816610A2] The lock is mounted especially in the hinge of a car door, and has a cylinder housing (6) which is fixed so as to rotate with one of the door components. A cylinder core (7) is fixed so as to rotate with the other door component, and is accommodated in the housing. At least one engaging component (10) is arranged in either the housing or the core, and can be adjusted radially. The housing may also have one or more radially-aligned recesses, in order to accept the spring load which acts on the engaging component in a radial direction relative to the core.

IPC 1-7  
**E05D 11/10**

IPC 8 full level  
**B60J 5/04** (2006.01); **E05C 17/02** (2006.01); **E05D 11/10** (2006.01)

CPC (source: EP US)  
**E05D 11/1071** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Citation (search report)  
• [PX] DE 29611580 U1 19961219 - SCHARWAECHTER GMBH CO KG [DE]  
• [AD] DE 9017065 U1 19910207  
• [AD] GB 2263305 A 19930721 - SOUTHCO [US]  
• [AD] EP 0220579 A2 19870506 - OTLAV SPA [IT]  
• [AD] DE 8530868 U1 19851212

Cited by  
CN105370126A; CN106285269A

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**EP 0816610 A2 19980107; EP 0816610 A3 19991020; EP 0816610 B1 20020109;** DE 19626704 A1 19980108; DE 59705948 D1 20020214; DE 59709656 D1 20030430; EP 1120521 A2 20010801; EP 1120521 A3 20010808; EP 1120521 B1 20030326; ES 2171238 T3 20020901; ES 2195972 T3 20031216; JP 4113604 B2 20080709; JP H1061305 A 19980303; US 5918347 A 19990706

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