

Title (en)  
Lift-off door hinge

Title (de)  
Aushängbares Türscharnier

Title (fr)  
Charnière de porte décrochable

Publication  
**EP 0863285 B1 20020403 (DE)**

Application  
**EP 98100678 A 19980116**

Priority  
DE 19709039 A 19970306

Abstract (en)  
[origin: EP0863285A2] The hinge pin (2) of a hinge for motor vehicle doors fits into the gudgeon of a hinge half on which a door is hung. The two parts have complementary alignment surfaces (13) which slope with respect to the hinge axis. The conical surface of the pin consists of a material that is harder than that of the hinge gudgeon and has at least one cam extending over part of the conical surface. Preferably the cam has a cross sectional shape which is at least approximately part of a circle and may taper towards the notional tip of the truncated cone forming the alignment surface.

IPC 1-7  
**E05D 5/12**

IPC 8 full level  
**E05D 5/12** (2006.01); **E05D 7/10** (2006.01)

CPC (source: EP)  
**E05D 5/121** (2013.01); **E05D 7/1044** (2013.01); **E05D 2005/106** (2013.01); **E05D 2005/122** (2013.01); **E05Y 2800/26** (2013.01); **E05Y 2900/531** (2013.01)

Cited by  
EP3690172A4; GB2342953A; GB2342953B

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0863285 A2 19980909; EP 0863285 A3 20000614; EP 0863285 B1 20020403**; DE 19709039 A1 19980917; DE 59803582 D1 20020508

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