

Title (en)  
REMOVABLE VEHICLE DOOR HINGE

Publication  
**EP 0218837 B1 19891011 (DE)**

Application  
**EP 86111048 A 19860809**

Priority  
DE 3532423 A 19850911

Abstract (en)  
[origin: US4864689A] An arrangement for mounting doors on motor vehicles, wherein the doors may be removed during assembly and replaced in a desired mounted position on the vehicle including an upper and a lower hinge assembly with at least one screw bolt engaged in one of the assemblies along a common rotational axis for securing the door in its installed operating position. At least one of the hinge assemblies is provided with a first and a second commercial bearing part which are arranged in a forked configuration with a third commercial bearing part being operatively engaged between the first and second bearing parts in a free space therebetween. An axially adjustable bearing pin is arranged to extend through one of the first and second bearing parts to hold the door so as to be free from play and to secure the door in its installed operating position against unintentional removal.

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

IPC 8 full level  
**B60J 5/04** (2006.01); **E05D 5/12** (2006.01); **E05D 7/00** (2006.01); **E05D 7/10** (2006.01)

CPC (source: EP US)  
**E05D 5/12** (2013.01 - EP US); **E05D 2011/045** (2013.01 - EP US); **E05Y 2900/531** (2013.01 - EP US)

Cited by  
EP0645514A1; EP0314616A1; FR2610662A1; WO8912727A1

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DOCDB simple family (publication)  
**DE 3532423 A1 19870312**; BR 8604311 A 19870505; DE 3666257 D1 19891116; EP 0218837 A1 19870422; EP 0218837 B1 19891011; JP S6263786 A 19870320; US 4864689 A 19890912

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