

Title (en)

Pinless and maintenance free sheet-metal hinge for vehicles

Title (de)

Scharnierstiftloses wartungsfrei gelagertes Blechscharnier für Kraftwagentüren

Title (fr)

Charnière en tôle sans fiche et sans entretien pour véhicules

Publication

EP 0686748 B1 19971001 (DE)

Application

EP 95107379 A 19950516

Priority

DE 9409285 U 19940608

Abstract (en)

[origin: EP0686748A1] One at least of the halves has two parallel portions at right angles to the hinge axis, and the two fit together via bushes of bearing material requiring no maintenance. Passages (8,9) concentric to the hinge axis (5) are formed on each half (1,2), those on the one being of a different diameter to those on the other. These form mating male and female portions fitting one inside the other. One half can rest on the other via washers (10) of bearing material requiring no maintenance. The external diameter of the male portion can be sufficiently small than the internal diameter of the female one to avoid contact between them. <IMAGE>

IPC 1-7

E05D 5/14; E05D 7/10; E05D 9/00

IPC 8 full level

E05D 5/14 (2006.01); **E05D 5/10** (2006.01); **E05D 7/10** (2006.01); **E05D 9/00** (2006.01); **F16C 17/10** (2006.01); **E05D 5/12** (2006.01)

CPC (source: EP US)

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