

Title (en)

Hinge joint for pivotably connected parts

Title (de)

Scharniergelenk für schwenkbeweglich verbundene Bauteile

Title (fr)

Articulation de charnière pour composants reliés de manière articulée

Publication

EP 1923531 A3 20131030 (DE)

Application

EP 07019977 A 20071012

Priority

DE 202006017545 U 20061117

Abstract (en)

[origin: EP1923531A2] The hinge joint has a frame-fixed, retained hinge bolt, and a sheet metal shaped part pivotably supported on the hinge bolt. A plastic bearing is fixed in a bearing hole of the sheet metal shaped part, and is formed by an electrically conductive plastic compound injected into the bearing hole and connected with wall sections of the hole. The plastic compound comprises of PTFE parts, and is a compound material with friction bearing characteristics. The sheet metal shaped part is deeply teared in a region of the bearing hole.

IPC 8 full level

E05D 9/00 (2006.01); **E05D 11/02** (2006.01)

CPC (source: EP)

E05D 5/16 (2013.01); **E05D 9/00** (2013.01); **E05D 9/005** (2013.01); **E05Y 2900/548** (2013.01)

Citation (search report)

- [XYI] WO 02084058 A1 20021024 - EDSCHA AG [DE], et al
- [YA] EP 0007926 A1 19800220 - GEORGE PETER JOHN
- [YA] DE 19960736 C1 20010719 - EDSCHA AG [DE]
- [AP] FR 2885639 A1 20061117 - OXFORD AUTOMOTIVE MECANISMES E [FR]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 202006017545 U1 20080327; EP 1923531 A2 20080521; EP 1923531 A3 20131030

DOCDB simple family (application)

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