

Title (en)

SHEET METAL CONNECTING MEMBER WHICH IS INTENDED TO BE WELDED TO AN ELEMENT COMPRISING A COUPLING SURFACE, PRODUCTION METHOD THEREOF, CORRESPONDING DRAWING DIE AND VEHICLE

Title (de)

BLECHVERBINDUNGSGLIED ZUM VERSCHWEISSEN MIT EINEM ELEMENT MIT EINER VERBINDUNGSFLÄCHE, HERSTELLUNGSVERFAHREN DAFÜR, ENTSPRECHENDES ZIEHWERKZEUG UND FAHRZEUG

Title (fr)

ORGANE DE LIAISON EN TOLE DESTINE A ETRE SOUDE AVEC UN AUTRE ELEMENT ET PRESENTANT UNE SURFACE D'ACCOSTAGE; PROCEDE DE FABRICATION, MATRICE D'EMBOUTISSAGE ET VEHICULE CORRESPONDANTS

Publication

EP 1713650 A1 20061025 (FR)

Application

EP 04816437 A 20041217

Priority

- FR 2004003304 W 20041217
- FR 0315514 A 20031229

Abstract (en)

[origin: FR2864514A1] The connection unit has a boomerang type suspension arm (3) comprising a squeeze zone with a squeeze surface (33) designed to receive a dowel bush. The surface extends transversally to a raised edge (32) for closing an end of the arm. The surface is formed to couple cylindrical form of the bush, and extends angularly and offers a contact surface for one-fourth of periphery of the bush. Independent claims are also included for the following: (A) an assembly formed by a connection unit (B) a method of manufacturing a connection unit (C) a drawing die designed to swage a connection unit (D) a motor vehicle.

IPC 8 full level

B60G 7/00 (2006.01); **B62D 27/02** (2006.01)

CPC (source: EP)

B60G 7/001 (2013.01); **B60G 2206/122** (2013.01); **B60G 2206/8104** (2013.01); **B60G 2206/8201** (2013.01)

Citation (search report)

See references of WO 2005072998A1

Citation (examination)

- EP 1520735 A1 20050406 - ZF ANSA LEMFOERDER S L [ES]
- JP H05112111 A 19930507 - YOROZU JIDOSHA KOGYO KK, et al
- US 6123349 A 20000926 - DEPUE STEPHEN LINDSAY [CA]
- US 5690353 A 19971125 - VANDENBERG ERVIN K [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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