

Title (en)

Method for making the metal part of a plastic-metal composite part and metal part produced by using the method

Title (de)

Verfahren zur Herstellung eines Metallteils eines Kunststoff-Metall-Verbundteiles und ein nach dem Verfahren hergestelltes Metallteil

Title (fr)

Méthode de production de la pièce métallique d'une pièce composite en plastique-métal et pièce métallique produit en appliquant cette méthode

Publication

EP 1658912 A3 20080507 (DE)

Application

EP 05024816 A 20051114

Priority

- DE 102004056032 A 20041119
- DE 102005006673 A 20050215

Abstract (en)

[origin: EP1658912A2] Production of a metal component, to be provided with a plastic component on its outer periphery, involves (a) pressing a spherical indentation into a plate, (b) incorporating a hole in the indentation, (c) penetrating to form a receiver, (d) bending downwards to form a collar and (e) forming axial grooves (16) on the outer edge of the collar. An independent claim is included for a metal part obtained by the process, having a drawn or deep-drawn receiver for a bearing.

IPC 8 full level

B21D 53/28 (2006.01)

CPC (source: EP)

B21D 53/28 (2013.01)

Citation (search report)

- [XAY] EP 0639415 A2 19950222 - HERZING & SCHROTH GMBH & CO KG [DE]
- [XY] EP 1207095 A2 20020522 - KOYO SEIKO CO [JP]
- [XY] DE 4115366 A1 19921112 - TEVES GMBH CO OHG ALFRED [DE]
- [X] JP S55147443 A 19801117 - HONDA MOTOR CO LTD, et al
- [X] JP S5758941 A 19820409 - MARUJIYUN SEIKI KOGYO KK
- [X] JP S5768238 A 19820426 - HONDA MOTOR CO LTD, et al

Cited by

CN108145376A

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

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