

Title (en)

Method for producing an axle casing composed of opposing profiles

Title (de)

Verfahren zum Herstellen eines aus gegeneinander gesetzten Profilen bestehenden Achskörpers

Title (fr)

Procédé de fabrication d'un corps d'axe constitué de profilés installés les uns contre les autres

Publication

EP 2108469 B1 20100714 (DE)

Application

EP 08006947 A 20080408

Priority

EP 08006947 A 20080408

Abstract (en)

[origin: EP2108469A1] The method involves deforming a flat metal strip to an angular profile (24) between an outer cavity (20), which comprises a rounded inside corner (29) with a straight surface (36), and an inner cavity (21) that comprises a rounded outer corner (28) with straight surface (37). A profile section (26) arranged between the surfaces (36, 37) is charged with a upsetting force (F), which is directed to an edge, under plastic deformation of material in a corner region (27). The deformed profile (24) is connected to an axle casing.

IPC 8 full level

B21D 53/90 (2006.01); **B60B 35/08** (2006.01)

CPC (source: EP)

B21D 53/90 (2013.01)

Cited by

EP2548666A1; US2023311569A1; US9199289B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2108469 A1 20091014; EP 2108469 B1 20100714; AT E473816 T1 20100715; DE 502008000939 D1 20100826

DOCDB simple family (application)

EP 08006947 A 20080408; AT 08006947 T 20080408; DE 502008000939 T 20080408