

Title (en)

Method for making an axle support

Title (de)

Verfahren zur Herstellung eines Achsträgers

Title (fr)

Méthode de fabrication d'un support d'essieu

Publication

EP 0770435 B1 19981209 (DE)

Application

EP 95114847 A 19950921

Priority

EP 95114847 A 19950921

Abstract (en)

[origin: EP0770435A1] The method is used to form an axle support for a motor vehicle, through bending and hydro- forming a straight, metallic, hollow profile (2). The latter is first loaded by an internal hydraulic pressure and by an axial force on its ends (8), to form bulges (7) and to transfer profile material to the regions (6',7') which are to be deformed. Internal hydraulic pressure is then used to bend the hollow profile, and to finish its shaping process. The bulges may also be achieved by an opposing pressure which acts in the region which is to be deformed.

IPC 1-7

B21D 26/02; **B21D 9/15**

IPC 8 full level

B21D 9/15 (2006.01); **B21D 26/02** (2006.01); **B21D 26/033** (2011.01); **B21D 26/037** (2011.01)

CPC (source: EP)

B21D 9/15 (2013.01); **B21D 26/033** (2013.01); **B21D 26/037** (2013.01); **B21D 53/88** (2013.01)

Cited by

GB2335401A; NL1011330C2; GB2346337A; GB2346337B; US7222512B2; US6810705B1; US6766678B1; WO03013755A1; WO0048762A1; WO0001500A1; WO0136121A3

Designated contracting state (EPC)

DE ES FR GB IT PT SE

DOCDB simple family (publication)

EP 0770435 A1 19970502; **EP 0770435 B1 19981209**; DE 59504498 D1 19990121; ES 2124949 T3 19990216

DOCDB simple family (application)

EP 95114847 A 19950921; DE 59504498 T 19950921; ES 95114847 T 19950921