

Title (en)

Method of hydroforming a structural member

Title (de)

Verfahren zum Innen-Hochdruck-Umformen eines Strukturbauteiles

Title (fr)

Méthode de hydroformage d'un élément de construction

Publication

**EP 1138407 A1 20011004 (EN)**

Application

**EP 00201094 A 20000327**

Priority

EP 00201094 A 20000327

Abstract (en)

Method of manufacturing a shaped and hollow structural member via a hydroforming process, comprising the steps of subsequently:- providing an extruded or welded tubular or hollow intermediate metal product; placing the intermediate metal product in a die for hydroforming; hydroforming the intermediate metal product to a hydroformed structural member by the introduction of a heated pressure medium having a temperature in the range of 50 to 300 DEG C.

IPC 1-7

**B21D 26/02**; **B21D 53/88**

IPC 8 full level

**B21D 26/02** (2011.01); **B21D 26/055** (2011.01)

CPC (source: EP)

**B21D 26/055** (2013.01)

Citation (search report)

- [XY] EP 0733539 A1 19960925 - PORSCHE AG [DE], et al
- [Y] DE 19642824 A1 19980423 - BARTELS HERMANN [DE]
- [A] WO 9824940 A1 19980611 - ALCAN INT LTD [CA], et al
- [A] EP 0913277 A1 19990506 - TRW CANADA LTD [CA]
- [DA] EP 0818553 A1 19980114 - HOOGO VENS ALUMINIUM NV [BE]

Cited by

CN115846497A; WO2022132610A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1138407 A1 20011004**

DOCDB simple family (application)

**EP 00201094 A 20000327**