

Title (en)

Manufacturing method and internal high pressure forming tool for carrying out the manufacturing method

Title (de)

Fertigungsverfahren und Innenhochdruckumformwerkzeug zur Durchführung des Fertigungsverfahrens

Title (fr)

Procédé de fabrication et dispositif de formage à haute pression interne pour la mise en oeuvre du procédé de fabrication

Publication

EP 1321202 A3 20040421 (DE)

Application

EP 02024794 A 20021107

Priority

DE 10162394 A 20011219

Abstract (en)

[origin: EP1321202A2] The deforming process involves producing an internal thread in the component (3) produced by internal high-pressure deformation. During the forging process and the production of the internal thread, the component remains in the internal high-pressure deforming tool (1, 2). This thread maybe produced by a tool sector (8) of the forging tool (5) on one of the other sectors (6, 7)

IPC 1-7

B21D 26/02; **B21D 28/28**; **B21H 3/08**

IPC 8 full level

B21D 26/02 (2006.01); **B21D 28/28** (2006.01); **B21H 3/08** (2006.01)

CPC (source: EP)

B21D 28/28 (2013.01)

Citation (search report)

- [DA] DE 19719426 A1 19981119 - MELEGHY HYDROFORMING GMBH & CO [DE]
- [A] DE 19733476 A1 19990218 - DAIMLER BENZ AG [DE]
- [A] US 6134767 A 20001024 - SCHULZE BERND [DE]
- [A] DE 19733477 A1 19990218 - DAIMLER BENZ AG [DE]

Cited by

DE102017118505A1; DE102017118505B4; WO2019034537A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1321202 A2 20030625; **EP 1321202 A3 20040421**; **EP 1321202 B1 20050216**; DE 10162394 A1 20030703; DE 50202272 D1 20050324

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