

Title (en)

METHOD AND DEVICE FOR PRODUCING WORKPIECES BY MEANS OF INTERNAL HIGH PRESSURE FORMING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON WERKSTÜCKEN MIT TEILS INNENHOCHDRUCKUMFORMUNG

Title (fr)

PROCEDE ET DISPOSITIF DE FABRICATION DE PIECES PAR FORMAGE INTERIEUR HAUTE PRESSION

Publication

EP 1677922 A1 20060712 (DE)

Application

EP 04765036 A 20040910

Priority

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- DE 10350154 A 20031028

Abstract (en)

[origin: DE10350154B3] Process for simultaneously producing separated workpieces (6, 7) by inner high pressure or hydro deformation comprises exposing cutting edges (9, 10) during deformation, and passing a blank into a gap (8) between the cutting edges during deformation. Deformation is carried out using a calibration pressure selected so that the blank lies completely in negative molds (4, 5) on the inner wall (3). A gap width (11) of the gap is dimensioned so that the workpieces can be separated at the calibration pressure. An independent claim is also included for a device for carrying out the process.

IPC 1-7

B21D 26/02; **B23D 21/00**

IPC 8 full level

B21D 26/02 (2011.01); **B21D 26/035** (2011.01); **B21D 28/24** (2006.01)

CPC (source: EP US)

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Citation (search report)

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