

Title (en)

Apparatus for high pressure forming of a tubular member or blank

Title (de)

Vorrichtung zum hydraulischen Hochdruckumformen eines rohrförmigen Bauteils oder einer Platine

Title (fr)

Dispositif pour la production d'une pièce tubulaire ou d'une platine par déformation hydraulique à haute pression

Publication

**EP 1106275 B1 20040707 (DE)**

Application

**EP 00124967 A 20001116**

Priority

DE 19957888 A 19991201

Abstract (en)

[origin: EP1106275A2] The device has a forming tool (2) with upper and lower forming dies (4,3). The upper forming tool is coupled via a piston-cylinder-unit (9) containing a hydraulic fluid, to a press ram (12) of a mechanical press, so as to be relatively moveable to a limited degree. The cylinder chamber (19) of the unit is in fluid-connection with the inner chamber of the tubular part (BT). Alternatively, the cylinder chamber is similar connected to the forming chamber of the forming tool.

IPC 1-7

**B21D 26/02**

IPC 8 full level

**B21B 37/00** (2006.01); **B21D 26/02** (2006.01); **B21D 26/033** (2011.01); **B21D 26/039** (2011.01); **B23P 23/00** (2006.01)

CPC (source: EP US)

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Cited by

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