

Title (en)

DEVICE FOR THE PLASTIC DEFORMATION OF WORK PIECES

Title (de)

VORRICHTUNG ZUM PLASTISCHEN VERFORMEN VON WERKSTÜCKEN

Title (fr)

DISPOSITIF DE DEFORMATION PLASTIQUE DE PIECES A USINER

Publication

EP 1494827 B1 20061011 (DE)

Application

EP 03712027 A 20030317

Priority

- DE 20205807 U 20020412
- EP 0302731 W 20030317

Abstract (en)

[origin: US7237420B2] The present invention relates to a device for the deformation of workpieces, in particular for the plastic shaping of pipe ends, with a shaping unit actuated by the pressure of a fluid and with a prestressing unit arranged on a common longitudinal axis and actuated by the pressure of a fluid and also with clamping elements of conical design which can be clamped by means of the prestressing unit, in each case at least one separate pressure space being designed in the shaping unit and in the prestressing unit, which space can be pressurized independently of the pressure space of the other unit in each case. In this connection, the shaping unit and the prestressing unit are interconnected but completely closed off in relation to one another.

IPC 8 full level

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Cited by

DE102014103799B4; DE102011051974A1; WO2013010784A1; WO2011029687A1; DE102009041056A1; DE102014103799A1; US10449588B2; US11491526B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2005150270 A1 20050714; US 7237420 B2 20070703; AT E342141 T1 20061115; AU 2003218771 A1 20031027; DE 20205807 U1 20030821; DE 50305355 D1 20061123; DK 1494827 T3 20070219; EP 1494827 A1 20050112; EP 1494827 B1 20061011; ES 2272956 T3 20070501; WO 03086679 A1 20031023

DOCDB simple family (application)

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