

Title (en)

Apparatus for hydroforming a hollow body

Title (de)

Vorrichtung zum Innenhochdruckumformen eines Hohlkörpers

Title (fr)

Dispositif d'hydroformage d'un corps creux

Publication

EP 1442806 B1 20080326 (FR)

Application

EP 04290264 A 20040202

Priority

FR 0301111 A 20030131

Abstract (en)

[origin: EP1442806A1] The device has a tool (3) made up of two parts (3a,3b) respectively equipped with a taper (4a,4b) to accommodate a hollow metallic body (5) to be formed. The tools are introduced into a frame (1) by a translational motion along a rotating axis (A) of the frame. The frame includes a hollow body pre-forming unit at a time of closing movement of the tool parts.

IPC 8 full level

B21D 26/039 (2011.01)

CPC (source: EP)

B21D 26/039 (2013.01)

Cited by

CN111601670A; US11666959B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1442806 A1 20040804; EP 1442806 B1 20080326; AT E390223 T1 20080415; DE 602004012630 D1 20080508; DE 602004012630 T2 20090430; ES 2305674 T3 20081101; FR 2850593 A1 20040806; FR 2850593 B1 20060908

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