

Title (en)

METHOD FOR PRODUCING A PERIPHERALLY CLOSED HOLLOW PROFILED ELEMENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES UMFÄNGLICH GESCHLOSSENEN HOHLPROFILS

Title (fr)

PROCEDE DE FABRICATION D'UN PROFILE CREUX FERME PERIPHERIQUEMENT

Publication

**EP 1628788 A1 20060301 (DE)**

Application

**EP 04729065 A 20040423**

Priority

- EP 2004004301 W 20040423
- DE 10323738 A 20030524

Abstract (en)

[origin: DE10323738B3] The method involves internal high-pressure shaping, squeezing the semi-finished product (5) in a closed tool (1) and expanding it with fluidic pressure to the final shape. The ends (9,10) of the semi-finished product are cut to form angled ends (12,13) before the squeezing process. The cutting contour and angle, between 6 and 10 degrees, are selected so that the ends are deformed by squeezing into an essentially flat shape and perpendicular to the longitudinal axis of the semi-finished product.

IPC 1-7

**B21D 26/02**

IPC 8 full level

**B21D 26/033** (2011.01)

CPC (source: EP US)

**B21D 26/033** (2013.01 - EP US); **B21D 26/053** (2013.01 - EP US)

Citation (search report)

See references of WO 2004103602A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 10323738 B3 20041118**; CA 2526774 A1 20041202; DE 112004000725 D2 20061019; DE 502004003973 D1 20070712; EP 1628788 A1 20060301; EP 1628788 B1 20070530; JP 2006528075 A 20061214; US 2006248933 A1 20061109; WO 2004103602 A1 20041202

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