

Title (en)

METHOD AND DEVICE FOR PRODUCING COMPONENTS

Title (de)

VERFAHREN UND EINRICHTUNG ZUR HERSTELLUNG VON BAUTEILEN

Title (fr)

PROCEDE ET DISPOSITIF POUR REALISER DES PIECES STRUCTURELLES

Publication

EP 1848554 A1 20071031 (DE)

Application

EP 05794717 A 20050922

Priority

- DE 2005001670 W 20050922
- DE 102005007997 A 20050219

Abstract (en)

[origin: DE102005007997B3] The method involves utilizing an output workpiece provided with a cavity (2) and a wall having inner (4) and outer (5) surfaces. Internal high pressure working takes place using the workpiece in a reforming process. A blank mold is produced, and reformed into the required form of a construction unit (1B) by a reforming tool (10) in another reforming process. A support die (20) engages with the mold in latter process. An independent claim is also included for a device for manufacturing a construction unit.

IPC 8 full level

B21D 22/02 (2006.01); **B21D 26/033** (2011.01); **B21D 35/00** (2006.01)

CPC (source: EP)

B21C 29/006 (2013.01); **B21D 22/025** (2013.01); **B21D 26/033** (2013.01); **B21D 35/00** (2013.01)

Cited by

DE102016107950A1; DE102016107950B4; WO2017186219A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005007997 B3 20051208; AT E433810 T1 20090715; DE 502005007540 D1 20090730; EP 1848554 A1 20071031; EP 1848554 B1 20090617; ES 2328834 T3 20091118; WO 2006086935 A1 20060824

DOCDB simple family (application)

DE 102005007997 A 20050219; AT 05794717 T 20050922; DE 2005001670 W 20050922; DE 502005007540 T 20050922; EP 05794717 A 20050922; ES 05794717 T 20050922