

Title (en)

METHOD AND DEVICE FOR THE PRODUCTION OF HOLLOW PROFILED ELEMENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON HOHLPROFILIEN

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE DES PROFILES CREUX

Publication

EP 1926565 A1 20080604 (DE)

Application

EP 06793623 A 20060919

Priority

- EP 2006066486 W 20060919
- DE 102005044948 A 20050920

Abstract (en)

[origin: US8490459B2] A device for shaping a blank into a hollow profiled element can include at least one base plate, onto which the blank that is to be shaped can be placed, at least one die core for the hollow profiled element, and at least two die halves for shaping the blank into the hollow profiled element. A method can include producing a hollow profiled element with at least one molded-on stiffening and/or functional element made from a blank. Hollow profiled elements can be produced at low cost, but at the same time ensure high reliability of a process where different hollow profiled elements are joined together by a generic device, wherein at least one form punch is provided for introducing an element structure into the planar blank that can be shaped and/or fixed into a stiffening and/or functional element.

IPC 8 full level

B21C 37/08 (2006.01)

CPC (source: EP US)

B21C 37/0815 (2013.01 - EP US); **B21C 37/292** (2013.01 - EP US)

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

US 2009178455 A1 20090716; US 8490459 B2 20130723; AT E542615 T1 20120215; DE 102005044948 A1 20070322; EP 1926565 A1 20080604; EP 1926565 B1 20120125; WO 2007033957 A1 20070329

DOCDB simple family (application)

US 6758106 A 20060919; AT 06793623 T 20060919; DE 102005044948 A 20050920; EP 06793623 A 20060919; EP 2006066486 W 20060919