

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 B1 20120125 (DE)**

Application

**EP 06793623 A 20060919**

Priority

- EP 2006066486 W 20060919
- DE 102005044948 A 20050920

Abstract (en)

[origin: US2009178455A1] The invention relates to a device for shaping a blank into a hollow profiled element comprising 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, as well as a method for producing a hollow profiled element with at least one molded-on stiffening and/or functional element made from a blank. The aim of providing a device for producing a hollow profiled element comprising at least one molded-on stiffening and/or functional element made from a blank, by means of which corresponding hollow profiled elements can be produced at low cost, which at the same time ensure high reliability of the process when different hollow profiled elements are joined together, is achieved with a generic device, wherein at least one die (15) is provided, by means of which an element structure (3, 4) which is introduced into the planar blank can be shaped and/or fixed into a stiffening and/or functional element (7, 8, 16).

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