Title (en)

METHOD AND DEVICE FOR PRODUCING A PERIPHERALLY CLOSED HOLLOW PROFILED ELEMENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES UMFÄNGLICH GESCHLOSSENEN HOHLPROFILS

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE UN PROFIL CREUX FERME AU NIVEAU DE SA PERIPHERIE

Publication

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Application

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Abstract (en)

[origin: CA2539332A1] The invention relates to a method and a device (1) for producing a peripherally closed hollow profiled element by means of fluidic internal hig h pressure. The inventive device comprises an internal high pressure form tool consisting of an upper die (3) and a lower die (4), the cavities (5 and 6) thereof enclosing a form chamber (7) for the hollow profiled element. The diameter of said form chamber is smaller than that of the blank (8) of the hollow profiled element to be inserted into the form chamber (7). The aim of the invention is to enable a reliable internal high pressure forming of a blank of a hollow profiled element (8) inserted into the form chamber (7), t o obtain the end shape of the hollow profiled element. To this end, a slide (9) can be displaced transversally to the direction of displacement of the form tool (2) when the blank (8) is compressed in the internal high pressure form tool (2) in order to form an intermediate shape (22).

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