

Title (en)  
DEVICE AND METHOD FOR PRODUCING AT LEAST PARTIALLY CLOSED HOLLOW PROFILES WITH ROTATABLE DIE HALVES AND LOW CYCLE TIME

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON ZUMINDEST TEILWEISE GESCHLOSSENEN HOHLPROFILIEN MIT DREHBAREN GESENKHÄLFTEN UND GERINGER TAKTZEIT

Title (fr)  
DISPOSITIF ET PROCÉDÉ POUR FABRIQUER DES PROFILÉS CREUX AU MOINS PARTIELLEMENT FERMÉS AU MOYEN DE DEMI-MATRICES ROTATIVES AVEC UN TEMPS DE CYCLE RÉDUIT

Publication  
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Application  
**EP 11755339 A 20110912**

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• EP 2011065726 W 20110912

Abstract (en)  
[origin: WO2012034967A1] The invention relates to a device for producing at least partially closed hollow profiles from a plate by a U-O forming operation with a tool comprising at least one U-punch and at least one upper die in a first tool half. The object of proposing a device and a method for producing at least partially closed hollow profiles from a plate that ensure the production of corresponding profiles with a short cycle time and high reliability of the process is achieved by a device by providing at least two identical, at least partially U-shaped dies in a second tool half, by the U-punch and the upper die of the first tool half being simultaneously in engagement with in each case an at least partially U-shaped die during the closing of the tool, by the at least one U-punch and the at least one upper die of the first tool half and the at least two at least partially U-shaped dies of the second tool half being arranged rotationally symmetrically in relation to an axis of rotation extending in the closing direction of the tool, and by the first and second tool halves being rotatable in relation to each other about this axis of rotation, such that a rotation of the first and/or second tool half has the effect that the U-punch and the upper die can respectively be in engagement with the first or the second at least partially U-shaped die.

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Citation (search report)  
See references of WO 2012034967A1

Cited by  
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