

Title (en)

APPARATUS AND METHOD FOR PRODUCING AT LEAST PARTIALLY CLOSED HOLLOW PROFILES WITH A SHORT CYCLE TIME

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG ZUMINDEST TEILWEISE GESCHLOSSENER HOHLPROFILE MIT GERINGER TAKTZEIT

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR FABRIQUER DES PROFILÉS CREUX AU MOINS PARTIELLEMENT FERMÉS AVEC UN TEMPS DE CYCLE RÉDUIT

Publication

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Application

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Abstract (en)

[origin: WO2012034966A1] The invention relates to an apparatus for producing at least partially closed hollow profiles from a blank by U-O forming with a toolset comprising a U-die in a first tool half for generating an at least partially U-shaped blank, and a top die in a second tool half for forming an at least partially U-shaped blank into an at least partially closed hollow profile. The problem, namely that of providing an apparatus and a method for producing at least partially closed hollow profiles from a blank whereby corresponding profiles can be produced with a short cycle time and with high process reliability, is solved by virtue of the fact that the parts constituting the toolset extend parallel to one another in the axial direction of the at least partially closed hollow profile that is to be produced and are arranged above one another in the closing direction of the tool halves, wherein a common die receptacle is provided between the tool halves of the toolset, said receptacle comprising at least two identical, partially U-shaped cavities for the toolset and being able to rotate about the axial axis thereof.

IPC 8 full level

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