

Title (en)

METHOD FOR PRODUCING A FOLD ON A SHEET METAL ELEMENT, SHEET METAL ELEMENT AND DEVICE FOR PRE-FOLDING A METAL SHEET ELEMENT

Title (de)

VERFAHREN ZUM ERZEUGEN EINER ABKANTUNG AN EINEM BLECHELEMENT, DURCH DIESES VERFAHREN HERGESTELLTES BLECHELEMENT SOWIE VORRICHTUNG ZUM VORPROFILIEREN EINES BLECHELEMENTS

Title (fr)

PROCEDE POUR PRODUIRE UN PLIAGE SUR UN ELEMENT EN TOLE, ELEMENT EN TOLE ET DISPOSITIF POUR REALISER UN PRE-PLIAGE SUR UN ELEMENT EN TOLE

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Abstract (en)

[origin: WO2007031289A1] The aim of the invention is to provide a method for producing a fold on a sheet metal element (100) whereby the outer radius (RA) of the fold can be predetermined substantially independently of the material thickness of the sheet metal element (100). For this purpose, the inventive method comprises the following steps: preprofiling the sheet metal element (100) in such a manner as to produce, on a first face (104) of the sheet metal element (100), a recess (106) which extends along a desired fold line, and, on a second face of the sheet metal element, a projection (110) which also extends along the desired fold line and is opposite the recess; and bending the sheet metal element (100) on the fold line along which the recess (106) and the projection (110) extend, thereby producing the fold.

IPC 8 full level

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