

Title (en)

METHOD FOR CONTROLLING THE FLOW OF MATERIAL WHEN DEEP-DRAWING A WORKPIECE, AND DEEP-DRAWING DEVICE

Title (de)

VERFAHREN ZUR MATERIALFLUSSSTEUERUNG BEIM TIEFZIEHEN EINES WERKSTÜCKS UND TIEFZIEHVORRICHTUNG

Title (fr)

PROCÉDÉ DE COMMANDE DE FLUX DE MATIÈRE LORS DE L'EMBOUTISSAGE PROFOND D'UNE PIÈCE ET DISPOSITIF D'EMBOUTISSAGE PROFOND

Publication

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Application

EP 09730365 A 20090331

Priority

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Abstract (en)

[origin: WO2009124860A1] The invention relates to a method for controlling the flow of material when deep-drawing a workpiece. The aim of the invention is to devise a method which better utilizes the drawing capacity of a workpiece and produces a more accurate shape, particularly at the bottom of the drawn part. Said aim is achieved by a method in which the deep-drawing process is performed incrementally and in which at least one bead is incorporated into the flange zone of the workpiece prior to each increment of the deep-drawing process, thus allowing the bottom to be more accurately shaped while preventing material from accumulating in the flange zone. The invention further relates to a deep-drawing device (2).

IPC 8 full level

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