

Title (en)

METHOD AND TOOL FOR HOT FORMING A METAL WORKPIECE

Title (de)

VERFAHREN UND WERKZEUG ZUM WARMUMFORMEN EINES METALLWERKSTÜCKS

Title (fr)

PROCÉDÉ ET OUTIL DE FORMAGE À CHAUD D'UNE PIÈCE MÉTALLIQUE

Publication

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Application

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Abstract (en)

[origin: WO2008025387A1] The invention relates to a hot forming tool (1, 101, 201, 301) for hot forming a metal workpiece (4, 204), having at least two dies (2, 3; 202, 203; 202, 303) that can be displaced relative to each other for forming the workpiece (4, 204), further having a cooling device (5) with the aid of which the workpiece (4, 204) can be cooled in the hot forming tool (1, 101, 201, 301) from a first higher temperature to a second lower temperature. In order to improve the hot forming tool (1, 101, 201, 301), it is provided that the hot forming tool (1, 101, 201, 301) is equipped with a separating device (10, 210, 310), with the aid of which a separating operation can be carried out on the workpiece (4, 204) in the hot forming tool (1, 101, 201, 301). The invention further relates to a method for hot forming.

IPC 8 full level

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