

Title (en)

MOULDING TOOL, METHOD FOR PRODUCING A GREEN BODY, AND USE OF THE MOULDING TOOL

Title (de)

FORMWERKZEUG, VERFAHREN ZUR HERSTELLUNG EINES GRÜNLINGS UND VERWENDUNG DES FORMWERKZEUGS

Title (fr)

OUTIL DE FORMAGE, PROCÉDÉ DE FABRICATION D'UN COMPRIMÉ CRU ET UTILISATION DE L'OUTIL DE FORMAGE

Publication

**EP 3107672 A1 20161228 (DE)**

Application

**EP 15713621 A 20150213**

Priority

- AT 682014 U 20140217
- AT 2015000025 W 20150213

Abstract (en)

[origin: WO2015120496A1] Moulding tool, method for powder metallurgical production of a green body, and a use of the moulding tool. The moulding tool (2) comprises an upper die and a lower die which can be displaced along a common pressing axis, a matrix body (4) with a feed chute (14) for receiving powder material, wherein the matrix body (4) has an upper region in which the upper die is moveably guided in the feed chute (14) along the pressing axis, and has a lower region (18) in which the lower die is moveably guided in the feed chute (14) along the pressing axis, and at least two transverse slides (10a-b) which form a moulding region that determines the lateral outer contour of a green body and which slides are arranged on the matrix body (4) displaceable in a direction deviating from the pressing axis. The at least two transverse slides (10a-b), in particular two adjacent transverse slides, only contact each other if the at least two transverse slides (10a-b) are arranged in their respective end positions, and wherein a hollow space, which determines the shape of a pressed green body, is formed in a closed state of the moulding tool (2) by the upper and lower dies arranged in the end positions thereof and the at least two transverse slides (10a-b) arranged in the end positions thereof, wherein the at least two transverse slides (10a-b) form a moulding region that determines the entire lateral outer contour of a green body.

IPC 8 full level

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Citation (search report)

See references of WO 2015120496A1

Citation (examination)

- JP H11300497 A 19991102 - NISSAN MOTOR
- JP H1094899 A 19980414 - MITSUBISHI MATERIALS CORP, et al
- JP H07266091 A 19951017 - HIRAI RYOTA

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DOCDB simple family (application)

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