

Title (en)

ELECTRICAL METAL- OR CERAMIC-POWDER PRESS AND CONTROL METHOD THEREFOR

Title (de)

METALL- ODER KERAMIKPULVER-ELEKTROPRESSE UND STEUERVERFAHREN DAFÜR

Title (fr)

PRESSE ÉLECTRIQUE POUR POUDRES MÉTALLIQUES OU CÉRAMIQUES, AINSI QUE PROCÉDÉ DE COMMANDE CORRESPONDANT

Publication

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Application

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Abstract (en)

[origin: WO2012037925A2] The invention relates to an electrical metal- or ceramic-powder press or pressing tool of such a press with a punch device (16), which is adjustably designed for pressing a powder and/or granules in a die (13) by means of at least one punch to form a pressed part, comprising at least one spindle device (20), having a spindle (21) and a spindle wheel (23), wherein the spindle device (20) adjusts the punch device (16) in or counter to a pressing direction according to the direction of the drive, comprising at least one spindle drive (22), which drives the spindle (21) or the spindle wheel (23), and comprising a control device (C), which, after programming in control parameters as a stroke, carries out a first stroke or trial stroke with a sequence of movements of the spindle device and the punch device that can be interrupted before the end of the first stroke or trial stroke. Advantageous here is a manually actuable control component (24, 26), which is designed or programmed in connection with the control device (C) to activate the stroke at least in sections steplessly or step by step when the control component is manually actuated.

IPC 8 full level

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