Title (en)

DEVICE FOR THE STEPPED DISPLACEMENT OF WORKPIECES

Title (de)

VORRICHTUNG ZUM SCHRITTWEISEN VERSCHIEBEN VON WERKSTÜCKEN

Title (fr)

DISPOSITIF POUR LE DEPLACEMENT PAS A PAS DE PIECES A USINER

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005110641A1] The invention relates to a device (1) for the stepped displacement of workpieces inside a press (2) or similar processing equipment. Said device comprises at least one or two gripper rails (4) that can be displaced back and forth in the direction of their longitudinal extension and in the feed direction, said rails being displaced transversally in relation to themselves in order to grasp workpieces. To execute the gripping movement, the gripper rail (4) comprises levers (5) that run obliquely and in opposite directions to one another, whereby the ends of said levers that face away from the gripper rail can be displaced towards or away from one another. Pivoting arms (11), which together with the levers (5) form shears or half a pair of shears, are hinged on said levers (5) to guide the resultant transversal movement. A shear drive of this type permits a parallel displacement of the gripper rail (4), even where space is limited, without the use of a drive that protrudes beyond the longitudinal extension of the gripper rails (4).

IPC 8 full level

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