

Title (en)

PRESS-DRIVEN TOOL MODULE, IN PARTICULAR PRESS-DRIVEN CROSS-PUNCHING OR BENDING UNIT

Title (de)

PRESENGETRIEBENES WERKZEUGMODUL, INSBESONDERE EINE PRESENGETRIEBENE QUERSTANZ- ODER BIEGEEINHEIT

Title (fr)

MODULE PORTE-OUTILS ENTRAINEE PAR UNE PRESSE, NOTAMMENT UNITE DE DECOUPAGE TRANSVERSAL OU DE PLIAGE ENTRAINEE PAR UNE PRESSE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9425260A1] In a press-driven tool module, in particular press-driven cross-punching or bending unit, a tool (18) mountable on a slide (9) is movable in any direction against the action of a restoring, integrated pneumatic spring, and the tool (18) carrying slide (9) may be actuated by a vertically movable press slide (17). For that purpose, a vertically guided plunger (23) arranged in a power cylinder (K) may be actuated by the press slide (17) by means of a piston rod (3) and acts upon a hydraulic medium (M) in an underlying displacement chamber (24). The displacement chamber (24) is connected by a high pressure pipe (25) to the work chamber (22) of a working cylinder (A) whose piston rod (9) bears the tool. In a preferred embodiment, the power cylinder (K) and the working cylinder (A) may be mounted apart from each other and linked to each other by a flexible high pressure pipe.

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Cited by

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