

Title (en)
UPPER CROSS MEMBER OF A PRESS BRAKE EQUIPPED WITH IMPROVED PNEUMATIC INTERMEDIATE SLIDING ELEMENTS AND RELATED PRESS BRAKE EQUIPPED WITH SAID UPPER CROSS MEMBER

Title (de)
MIT VERBESSERTEN PNEUMATISCHEN GLEITENDEN ZWISCHENELEMENTEN AUSGESTATTETE OBERE QUERTRÄGER EINER ABKANTPRESSE UND ZUGEHÖRIGE ABKANTPRESSE, DIE MIT DER BESAGTEN OBEREN QUERTRÄGER AUSGESTATTET IST

Title (fr)
ÉLÉMENT TRANSVERSAL SUPÉRIEUR D'UNE PRESSE PLIEUSE ÉQUIPÉE D'ÉLÉMENTS DE GLISSEMENT INTERMÉDIAIRE PNEUMATIQUE AMÉLIORÉS ET PRESSE-PLIEUSE ÉQUIPÉE DUDIT ÉLÉMENT TRANSVERSAL

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Application
EP 16425019 A 20160224

Priority
EP 16425019 A 20160224

Abstract (en)
An upper cross member (4) of a press brake (8) comprising a cross member body having a transverse guide (20) along a prevailing extension axis (X-X), at least one intermediate element (24) slidably associated to the transverse guide (20) by means of first clamping means (28), to translate parallel to said axis of prevailing extension (X-X), remaining bound to the upper cross member (4) in a vertical direction (Y-Y), perpendicular to said prevailing extension axis (X-X), the first clamping means (28) being pneumatically-actuated clamping means, the intermediate element (24) being equipped with second clamping means (30), of pneumatic type, for clamping at least one tool. Advantageously, the upper cross member (4) comprises a manifold (32), arranged posteriorly or anteriorly with respect to said transverse guide (20), and fluidically connectable to a compressed air supply, - wherein the manifold (32) is configured to supply compressed air to a plurality of outlet holes (36) opening into respective seats (40) of the upper cross member (4), - each seat (40) being equipped with a self-closing valve (44) having a ferrule (48) that faces a front side (50) of the upper cross member (4), opposite to the manifold (32) and to the posterior side (34), to interface with said intermediate element (24) and for supplying the second clamping means (30) of the intermediate element (24).

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EP 1155757 B1 20060329 - ABIEMME SRL [IT]

Citation (search report)
• [AD] EP 1155757 B1 20060329 - ABIEMME SRL [IT]
• [A] EP 0754506 A2 19970122 - ABIEMME SRL [IT]
• [A] GB 2057047 A 19810325 - HAEMMERLE AG MASCHF
• [A] FR 2339485 A1 19770826 - COLLY PIERRE [FR]

Designated contracting state (EPC)
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