

Title (en)

Platen press for a cutting station in a machine for treating plates

Title (de)

Tiegelpresse für eine Vorrichtung zum Bearbeiten von Bögen

Title (fr)

Presse à platine pour la station de découpage d'une machine de traitement d'éléments en plaque

Publication

EP 0681892 B1 19971210 (FR)

Application

EP 95106873 A 19950506

Priority

CH 149194 A 19940513

Abstract (en)

[origin: EP0681892A1] A plate press is claimed for the cutting station of a machine for treating plate elements, comprising an upper bolster (4) embedded on each side in the framework of the cutting station and a lower moving bolster (8) displaced vertically by some toggle joints of which the pivoting axes are oriented in the span of the lower moving bolster (8). Each toggle joint (16,18) is activated by at least one rod (20,24) connected to a brace (14). The lower moving bolster (8) is activated by only two identical toggle joints (16,18), each being symmetrical w.r.t. a median vertical plane passing through the middle of the span of the lower moving bolster. The width of each toggle joint is between one third and two thirds the width of the lower moving bolster. The brace (14) is driven by a screw and an endless screw track arranged outside the operating zone of the toggle joints (16,18). <IMAGE>

IPC 1-7

B26D 5/14; **B30B 1/14**; **B30B 15/00**; **B21J 9/18**

IPC 8 full level

B26F 1/40 (2006.01); **B21J 9/18** (2006.01); **B26D 5/14** (2006.01); **B30B 1/14** (2006.01); **B30B 15/00** (2006.01); **B31B 50/20** (2017.01)

CPC (source: EP KR)

B21J 9/18 (2013.01 - EP); **B26D 5/14** (2013.01 - EP KR); **B26F 1/40** (2013.01 - KR); **B30B 1/14** (2013.01 - EP KR); **B30B 15/007** (2013.01 - EP)

Designated contracting state (EPC)

AT BE DE ES FR GB IT

DOCDB simple family (publication)

EP 0681892 A1 19951115; **EP 0681892 B1 19971210**; AT E160963 T1 19971215; AU 1794395 A 19951123; AU 680353 B2 19970724; BR 9502032 A 19951226; CH 689970 A5 20000229; CN 1065166 C 20010502; CN 1114610 A 19960110; DE 69501179 D1 19980122; DE 69501179 T2 19980416; ES 2110281 T3 19980201; JP 2866025 B2 19990308; JP H07308898 A 19951128; KR 0173044 B1 19990218; KR 950031488 A 19951218; TW 260640 B 19951021

DOCDB simple family (application)

EP 95106873 A 19950506; AT 95106873 T 19950506; AU 1794395 A 19950508; BR 9502032 A 19950512; CH 149194 A 19940513; CN 95104662 A 19950512; DE 69501179 T 19950506; ES 95106873 T 19950506; JP 11573895 A 19950515; KR 19950011753 A 19950512; TW 84104491 A 19950505