

Title (en)

CIRCULATING SHELF

Publication

EP 0308363 B1 19930714 (DE)

Application

EP 88730211 A 19880914

Priority

DE 3731871 A 19870918

Abstract (en)

[origin: EP0308363A1] The circulating shelf (2), which serves in particular for the storage of upper and lower tools (4, 6) for a press brake (1), is provided, in addition to its usual loading and unloading aperture (11) arranged in the region of the front wall (9), with a loading and unloading aperture (14) arranged in the region of a side wall (12), which aperture (14) makes it possible for tools to be transferred over the shortest possible route by means of transfer bridges (42, 43) from the circulating shelf (2) to the press brake (1), and vice versa. <IMAGE>

IPC 1-7

B21D 37/14; B65G 1/127

IPC 8 full level

B21D 5/02 (2006.01); **B21D 37/14** (2006.01); **B65G 1/127** (2006.01)

CPC (source: EP US)

B21D 5/0209 (2013.01 - EP US); **B21D 37/145** (2013.01 - EP US); **Y10T 483/1731** (2015.01 - EP US); **Y10T 483/1827** (2015.01 - EP US)

Cited by

EP1918037A1; US5134873A; EP2865458A4; AT511959A4; AT511959B1; JP2019516561A; US9975161B2; WO2017201559A1; US10987715B2

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FI 884265 A0 19880916; FI 884265 A 19890319; NO 884143 D0 19880916; NO 884143 L 19890320; US 4945629 A 19900807

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