

Title (en)
Press with drawing device

Title (de)
Presse mit Zieheinrichtung

Title (fr)
Presse avec dispositif d'étirage

Publication
EP 0515881 B1 19960110 (DE)

Application
EP 92107829 A 19920509

Priority
DE 4117102 A 19910525

Abstract (en)
[origin: EP0515881A1] The sheet-metal component drawn in the drawing stage of a press should be taken over by the transfer device (10, 17) at as early as possible a phase of the run-up movement of the drawing apparatus in order, in this way, to use a large period of the ram run-up movement for the transfer movement. After drawing, the passing through of the bottom dead centre (25) of the ram movement (22), and the movement (23, 24) of the drawing apparatus, the blank holder of the drawing apparatus is temporarily halted in a removal position (26, 27, 28), i.e. is temporarily prevented from running up further. <IMAGE>

IPC 1-7
B21D 24/00; **B21D 24/14**

IPC 8 full level
B21D 24/00 (2006.01); **B21D 24/14** (2006.01)

CPC (source: EP US)
B21D 24/005 (2013.01 - EP US); **B21D 24/14** (2013.01 - EP US)

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DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0515881 A1 19921202; **EP 0515881 B1 19960110**; DE 4117102 A1 19921126; DE 59204976 D1 19960222; ES 2084209 T3 19960501; US 5253505 A 19931019

DOCDB simple family (application)
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