

Title (en)

DRAWING PRESS WITH A STATIC BLANK HOLDER

Title (de)

ZIEHPRESSE MIT STATISCHER BLECHHALTUNG

Title (fr)

PRESSE D'EMBOUTISSAGE MUNIE D'UN SERRE-TÔLE STATIQUE

Publication

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Application

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Abstract (en)

[origin: WO2012022720A1] The drawing press (10) according to the invention has a stationary blank holder (35) which is supported on the press frame (11). The blank holder (35) is assigned a slide (15) with a die tool (18), the slide (15) being moved via a slide drive with a blocking position. The blocking position is reached, for example, by a gearing (22) which, in the blocking position, does not transmit any movement from the gearing output to the driving servomotor (23) and/or (24). This is achieved, for example, by an eccentric gearing (25, 26) when the latter is in an extended position. In order to carry out the actual drawing stroke, the punching tool (34) is mounted in a vertically moveable manner. The assigned moving bed (32) is raised or lowered from the press bed (31) via a bed drive (36). A servomotor drive with a nonlinear gearing, for example an eccentric gearing, preferably serves in turn as the bed drive (36).

IPC 8 full level

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