

Title (en)

A press with a hydraulic cushion and a system for controlling the force and pad position thereof

Title (de)

Eine Presse mit einem hydraulischen Ziehkissen und mit einem System zur Steuerung der Presskraft und der Position des Blechhalters des Ziehkissens

Title (fr)

Presse avec un coussin hydraulique et un système pour régler la force de pression et la position du serre-flan dudit coussin hydraulique

Publication

EP 1138406 A2 20011004 (EN)

Application

EP 01500085 A 20010329

Priority

ES 200000793 A 20000330

Abstract (en)

A press with a hydraulic cushion with a system for controlling the force and pad position thereof, said cushion (2) having at least one hydraulic cylinder (3) with an upper chamber (4) and a lower chamber (5) and said control system comprising a control unit (6) and metering and control elements (7, 8, 9, 10, 11). Both the pad position and force of the cushion (2) are controlled by acting on each cylinder (3), using for this purpose a single control element (7) per cylinder (3), governed by the control unit (6), which regulates the oil input and output of the lower chamber (5) of each cylinder (3), the upper chamber (4) being connected to a pressure generator set (12). <IMAGE>

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