

Title (en)
HYDRAULIC LIFTING DEVICE FOR PRESSES

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EP 0264770 A3 19890802 (EN)

Application
EP 87114898 A 19871013

Priority
IT 8562086 A 19861024

Abstract (en)
[origin: EP0264770A2] The invention concerns a hydraulic lifting device particularly suited to displace dies placed on the die-supporting tables of presses; the device foresees one or more T-shaped bars (1), being horizontally inserted into the guiding slots (2) of the die-supporting table (3). Each bar presents at its lower contact surface a groove (5) lodging an elastic pipe system (8) into which the pressure fluid is made to flow. When there is no pressure, the weight of the die resting on the rollers (4) arranged within the bars (1) deforms the underlying pipe system, so as to cause the rollers to disappear and allows the die to rest directly on the surface of the supporting table. On the other hand, when the fluid creates the pressure, the pipe system (8) has a tendency to recover its original shape and it lifts the die, thereby removing it from the contact surface of the die-supporting table (3), thus allowing its displacement.

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B30B 15/02 (2006.01); **B21D 37/04** (2006.01)

CPC (source: EP KR)
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Citation (search report)
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