

Title (en)  
Die cushion device

Title (de)  
Ziehkissen-Vorrichtung

Title (fr)  
Amortisseur de matrice

Publication  
**EP 2457672 B1 20150708 (DE)**

Application  
**EP 11008440 A 20111020**

Priority  
DE 102010051958 A 20101119

Abstract (en)  
[origin: EP2457672A1] The device (1) has a frame (4) connected with a press table (23), and a wedge thrust gearbox (5) for adjusting retaining force exerted on a plunger of a press. The gearbox is driven by a linear-electric motor, where the retaining force is controlled by controlling the electrical motor during the press stroke. The electric motor has a stator and a rotor, where the stator is connected with the frame. The rotor is connected with a wedge, and a pressure flange has a bolt (7) that is driven in a vertical direction by the gearbox, where the bolt projects from an upper side of the table.

IPC 8 full level  
**B21D 24/02** (2006.01)

CPC (source: EP)  
**B21D 24/02** (2013.01)

Cited by  
CN112872536A; CN108025345A; WO2017050317A1

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DOCDB simple family (publication)  
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