

Title (en)

Feeding device for the upper slide of a press

Title (de)

Vorschubeinrichtung für den Oberschlitten einer Presse

Title (fr)

Dispositif d'avance pour le coulisseau supérieur d'une presse

Publication

EP 1120236 B1 20050727 (DE)

Application

EP 01101053 A 20010118

Priority

DE 10003325 A 20000127

Abstract (en)

[origin: EP1120236A2] The device has a first drive motor connected to a feed spindle in a casing tube and a spindle nut fixed in a movable piston tube attached to the upper carriage. A second motor on the carriage has a lower speed and higher torque than the first motor. The spindle nut is fixed in the end of the piston tube remote from the upper carriage. A stripping device preventing buckling is attached to the corresponding end at a distance from the spindle nut. The device has first drive motor (48) connected to a feed spindle (44) in a casing tube and passed through a spindle nut (50) fixed in a movable piston tube (36) attached to the upper carriage (18). A second motor (58) mounted on the carriage has a lower speed and higher torque than the first motor. The spindle nut is fixed in the end of the piston tube remote from the upper carriage and a stripping device (64) preventing buckling is attached to the corresponding end at a distance from the spindle nut.

IPC 1-7

B30B 1/18; F16H 25/20; B30B 15/00

IPC 8 full level

B21K 1/76 (2006.01); **B30B 1/18** (2006.01); **B30B 15/00** (2006.01)

CPC (source: EP)

B30B 1/18 (2013.01)

Cited by

DE102005038583A1; DE102005038583B4; US10384412B2; WO2007113018A1

Designated contracting state (EPC)

DE IT PT

DOCDB simple family (publication)

EP 1120236 A2 20010801; **EP 1120236 A3 20021030**; **EP 1120236 B1 20050727**; DE 10003325 A1 20010809; DE 10003325 C2 20020912; DE 50106834 D1 20050901; PT 1120236 E 20050930

DOCDB simple family (application)

EP 01101053 A 20010118; DE 10003325 A 20000127; DE 50106834 T 20010118; PT 01101053 T 20010118