

Title (en)

Device for limiting the force acting on a driving mechanism

Title (de)

Vorrichtung zur Begrenzung der Kraft, die auf einen Betätigungsmechanismus wirkt

Title (fr)

Dispositif pour limiter la force agissant sur un mécanisme d'entraînement

Publication

EP 0876926 B1 20011024 (DE)

Application

EP 97107685 A 19970510

Priority

EP 97107685 A 19970510

Abstract (en)

[origin: EP0876926A1] The operating mechanism consists of a rotary axle (6) connected to a corresponding movable part (15) of the binder and or hole-puncher (1). The axle's rotary movement is converted into a translatory movement of the corresponding movable part. The operating mechanism (14) contains a coupling mechanism (4) which automatically uncouples when the maximum permissible force (F) exerted on the operating mechanism is exceeded. The operating mechanism incorporates a lever (5) joined to the rotary axle driven by a motor.

IPC 1-7

B42B 5/10; **B26D 5/08**; **B26D 5/10**; **B26F 1/02**

IPC 8 full level

B26D 5/08 (2006.01); **B26D 5/10** (2006.01); **B26F 1/02** (2006.01); **B42B 5/10** (2006.01)

CPC (source: EP US)

B26D 5/08 (2013.01 - EP US); **B26D 5/10** (2013.01 - EP US); **B26F 1/02** (2013.01 - EP US); **B42B 5/103** (2013.01 - EP US); **Y10T 83/8838** (2015.04 - EP US)

Cited by

CN109531692A

Designated contracting state (EPC)

BE DE ES FR GB GR NL SE

DOCDB simple family (publication)

EP 0876926 A1 19981111; **EP 0876926 B1 20011024**; AU 5936698 A 19981112; AU 726192 B2 20001102; CN 1203152 A 19981230; DE 59705077 D1 20011129; US 5988969 A 19991123

DOCDB simple family (application)

EP 97107685 A 19970510; AU 5936698 A 19980318; CN 98106000 A 19980415; DE 59705077 T 19970510; US 4570998 A 19980323