

Title (en)
Stapling device

Title (de)
Heftgerät

Title (fr)
Dispositif d'agrafage

Publication
EP 0703042 A1 19960327 (DE)

Application
EP 95111746 A 19950726

Priority
DE 4427092 A 19940730

Abstract (en)
The stapler comprises a magazine, a channel member for staples, the channel member being guided in the magazine and lockable at one end of it in a retracted setting in the magazine and release device to unlock the channel member. It also has a resilient spring to urge the channel member when unlocked out of the magazine. It has a damper arranged in the region of the one end of the channel member to reduce the speed of movement of the member out of the magazine. The damper comprises a brake roller mounted in the channel member. The roller is mounted in a respective groove in each side flange of the channel member.

Abstract (de)
Für sogenannte Springfachmagazine wird ein Dämpfungsmittel vorgeschlagen, das relativ einfach herstellbar und funktionsfähig montierbar ist. Hierzu ist zur Reduzierung der Austrittsgeschwindigkeit des Kanals (1) aus dem Magazin (4) eine Bremsrolle (6) im Kanal (1) angeordnet, die in je einer Nut in den Flanschen des Kanals (1) gelagert ist. Die Bremsrolle (6) weist eine konisch verlaufende Mantelfläche (8) auf und ist aus einem deformierbaren Material, vorzugsweise aus Kunststoff, gebildet. <IMAGE>

IPC 1-7
B25C 5/16

IPC 8 full level
B27F 7/19 (2006.01); **B25C 5/16** (2006.01); **B27F 7/38** (2006.01)

CPC (source: EP)
B25C 5/16 (2013.01); **B25C 5/161** (2013.01)

Citation (search report)

- [A] GB 2195283 A 19880407 - EBIHARA YOSHIYUKI
- [A] DE 9115627 U1 19920326
- [A] US 2501564 A 19500321 - GOODSTEIN CHARLES B
- [A] DE 1478934 A1 19690424 - HAUBOLD IND NAGELGERAETE D
- [A] DATABASE WPI Week 8605, Derwent World Patents Index; AN 84-147160[24]

Designated contracting state (EPC)
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