

Title (en)
Stapling device

Title (de)
Heftvorrichtung

Title (fr)
Dispositif pouragrafer

Publication
EP 0741048 B1 19991117 (DE)

Application
EP 96106484 A 19960425

Priority
DE 19516164 A 19950503

Abstract (en)
[origin: EP0741048A2] A cutting device separates the clipping material into stable lengths and a thruster introduces the staples into the product, working with a staple closer. The storage roll with the conveyor unit, the cutting device (20) and the thruster (22) are arranged on a drum-type body (3) contacting the product (1) on one side crossways to the transport direction. A rotating, radially displaceable staple former in a pocket formed in the drum-type body running around an axis parallel to the drum-type body. The staple closer is located on a rotary body on the opposite side of the product to the drum-type body and is drivable synchronously with the drum-type body.

IPC 1-7
B42B 4/02

IPC 8 full level
B42B 4/00 (2006.01); **B27F 7/19** (2006.01); **B27F 7/23** (2006.01); **B42B 4/02** (2006.01)

CPC (source: EP US)
B27F 7/19 (2013.01 - EP US); **B42B 4/02** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0741048 A2 19961106; EP 0741048 A3 19970813; EP 0741048 B1 19991117; AT E186679 T1 19991215; DE 19516164 A1 19961107; DE 59603650 D1 19991223; ES 2140746 T3 20000301; JP 3719770 B2 20051124; JP H08300846 A 19961119; US 5690265 A 19971125

DOCDB simple family (application)
EP 96106484 A 19960425; AT 96106484 T 19960425; DE 19516164 A 19950503; DE 59603650 T 19960425; ES 96106484 T 19960425; JP 10940996 A 19960430; US 63925896 A 19960424