

Title (en)
WINDING DEVICE FOR FASTENER STRIPS

Publication
EP 0018565 B1 19840404 (DE)

Application
EP 80102115 A 19800419

Priority
DE 2916725 A 19790425

Abstract (en)
[origin: US4317546A] A coiling apparatus converts longitudinal fastener strips into wound up coils. For this purpose the strip is fed through a guide track substantially tangentially to one or the other coiling or winding mandrel which may be brought into coiling or winding position by a pivot lever which carries two mandrels, one at each end. A clamping lever holds the strip so that it runs onto the mandrel.

IPC 1-7
B65H 19/22; **B65H 17/02**; **B65B 15/04**

IPC 8 full level
B65H 18/08 (2006.01); **B65B 15/04** (2006.01); **B65B 63/04** (2006.01); **B65H 18/10** (2006.01)

CPC (source: EP US)
B65B 15/04 (2013.01 - EP US); **B65B 63/04** (2013.01 - EP US); **B65H 18/10** (2013.01 - EP US); **Y10S 242/918** (2013.01 - EP US)

Cited by
US9950895B2; US10858213B2

Designated contracting state (EPC)
CH FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0018565 A1 19801112; **EP 0018565 B1 19840404**; CA 1126712 A 19820629; DE 2916725 A1 19801106; DE 2916725 C2 19880630; JP S55145953 A 19801113; JP S5827182 B2 19830608; US 4317546 A 19820302

DOCDB simple family (application)
EP 80102115 A 19800419; CA 350280 A 19800421; DE 2916725 A 19790425; JP 5302880 A 19800423; US 14043280 A 19800415