

Title (en)
Gripping device for winding core.

Title (de)
Wickelkern-Spannvorrichtung.

Title (fr)
Dispositif de serrage pour noyau d'enroulement.

Publication
EP 0520348 B1 19950503 (DE)

Application
EP 92110454 A 19920620

Priority
DE 4121244 A 19910627

Abstract (en)
[origin: JPH05197952A] PURPOSE: To reduce wearing, to provide a large spring stroke, to provide variable spring force, to be compact and to increase the diameter of a winding axis. CONSTITUTION: A fastening device is provided with segments 2, obtained by dividing a ring in a peripheral direction, the tip faces 13 of these segments 2 are chamfered, these segments 2 are held between intermediate pieces 3 in the shape of mushrooms with the inner surfaces 7 of similar inclination, and these segments 2 are applied with loads outward in a radial direction by a spring element 4.

IPC 1-7
B65H 75/24

IPC 8 full level
B65H 18/04 (2006.01); **B65H 75/24** (2006.01); **G11B 5/84** (2006.01)

CPC (source: EP US)
B65H 75/248 (2013.01 - EP US)

Cited by
CN112320415A

Designated contracting state (EPC)
DE FR GR IT LU

DOCDB simple family (publication)
EP 0520348 A1 19921230; EP 0520348 B1 19950503; DE 4121244 A1 19930107; DE 59202065 D1 19950608; IE 922119 A1 19921230; JP 3143523 B2 20010307; JP H05197952 A 19930806; US 5279470 A 19940118

DOCDB simple family (application)
EP 92110454 A 19920620; DE 4121244 A 19910627; DE 59202065 T 19920620; IE 922119 A 19920701; JP 16897892 A 19920626; US 90492892 A 19920626