

Title (en)  
Reel winding device

Title (de)  
Rollenwickleinrichtung

Title (fr)  
Dispositif de bobinage

Publication  
**EP 1726547 A1 20061129 (DE)**

Application  
**EP 06111426 A 20060321**

Priority  
DE 102005024266 A 20050527

Abstract (en)  
Roller winding device comprises roller bearings (6, 7) connected to a support (10) via a damping part (11, 12) which has a cylinder (16) containing a plunger (17) which divides the cylinder into two pressure chambers (18, 19). The plunger is connected to the roller bearings and the cylinder is connected to a support. Both pressure chambers are connected to a connecting segment which contains throttles. Preferred Features: A switching valve is arranged in the connecting segment to interrupt the connecting segment. The plunger has large pressure working surfaces in both pressure chambers.

IPC 8 full level  
**B65H 18/20** (2006.01)

CPC (source: EP)  
**B65H 18/20** (2013.01); **B65H 2301/4148** (2013.01); **B65H 2515/50** (2013.01); **B65H 2601/125** (2013.01)

Citation (search report)

- [A] US 2002185567 A1 20021212 - STITZ ALBERT [DE]
- [A] DE 7609748 U1 19780907
- [A] US 6402082 B1 20020611 - MADRZAK ZYGMUNT [DE], et al
- [A] US 4969609 A 19901113 - SCHEUTER SIEGBERT [DE]
- [A] DE 2128097 A1 19730104 - VOITH GMBH J M [DE]
- [A] DE 7305837 U 19741010

Cited by  
CN102756938A; EP1905713A1; DE102006046684A1; CN102745532A; EP2502860A3; EP2502861A3; WO2009153401A1; WO2009071749A3

Designated contracting state (EPC)  
AT DE FI IT

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1726547 A1 20061129; EP 1726547 B1 20081224**; AT E418514 T1 20090115; DE 102005024266 A1 20061130;  
DE 502006002409 D1 20090205

DOCDB simple family (application)  
**EP 06111426 A 20060321**; AT 06111426 T 20060321; DE 102005024266 A 20050527; DE 502006002409 T 20060321