

Title (en)  
Coiling machine for winding a sheet of material

Title (de)  
Wickelmaschine zum Aufwickeln einer Materialbahn

Title (fr)  
Machine d'enroulement d'une bande de matériau

Publication  
**EP 1905712 B1 20111109 (DE)**

Application  
**EP 07117097 A 20070925**

Priority  
DE 102006046683 A 20060929

Abstract (en)  
[origin: EP1905712A2] The machine (1) has support rollers (2, 3) lying on a winding reel (5) and supported in winding bearings (6, 7). The bearings are connected with a machine frame (10) over a damping unit, and comprise a piston (17), which is arranged in a cylinder (16). The piston divides the cylinder into two pressure chambers (18, 19), which are filled with electrorheological fluid (F). The piston is in connection with the bearings, and the cylinder is in connection with the frame. The pressure chambers are connected over a connecting piece, which contains the electrorheological unit.

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

CPC (source: EP)  
**B65H 18/20** (2013.01); **B65H 2301/414866** (2013.01); **B65H 2601/5244** (2013.01)

Cited by  
CN102107791A; EP2808443A1; EP2341022A3; CN102107790A; CN102120534A; EP2341024A3; EP2341023A3; WO2012056112A1

Designated contracting state (EPC)  
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