

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

Title (de)
Wickelmaschine zum Aufwickeln einer Materialbahn

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

Publication
EP 1905712 A3 20090408 (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)

Citation (search report)

- [Y] DE 102004062890 A1 20051013 - ERAS GMBH [DE], et al
- [YA] DE 10320005 B3 20041021 - ZF SACHS AG [DE]
- [A] EP 1260470 A2 20021127 - VOITH PAPER JAGENBERG GMBH [DE]

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

Designated contracting state (EPC)
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AL BA HR MK RS

DOCDB simple family (publication)
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