

Title (en)

Reeling machine for continuous winding of a web material

Title (de)

Wickelmaschine zum kontinuierlichen Aufwickeln einer Materialbahn

Title (fr)

Bobineuse pour le bobinage continu d'une bande de matériau

Publication

EP 1591390 B1 20080227 (DE)

Application

EP 05103314 A 20050425

Priority

DE 102004020322 A 20040426

Abstract (en)

[origin: EP1591390A1] The air expulsion device (10) for consolidating the web layers and regulating the amount of air trapped in between them comprises a number of adjacent segment rolls (11) with their opposite ends mounted via bearing units (12) on a support profile (13) extending the width of the machine. The bearing units have a counter-bearing (14) and a resilient bearing (15) on the profile side. The counter-bearing is a hinge bearing. The resilient bearing is a preferably closed spring system, preferably a coil or leaf spring, or a preferably closed damping unit, preferably a shock absorber, or a controllable hydraulic or pneumatic piston unit.

IPC 8 full level

B65H 18/26 (2006.01); **B65H 19/22** (2006.01)

CPC (source: EP)

B65H 18/26 (2013.01); **B65H 19/2207** (2013.01); **B65H 19/2261** (2013.01); **B65H 2408/2364** (2013.01)

Cited by

CN102803108A; EP3103748A1; AT510884A1; AT510884B1; US9926159B2; WO2010149404A1; WO2010004029A1

Designated contracting state (EPC)

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