

Title (en)

Winding device for unwinding a strip of material and method for unwinding a strip of material

Title (de)

Wickelvorrichtung zum Abrollen einer Materialbahn sowie Verfahren zum Abwickeln einer Materialbahn

Title (fr)

Dispositif d'enroulement destiné au déroulement d'une bande de matériau et procédé du déroulement d'une bande de matériau

Publication

EP 2014591 B1 20120314 (DE)

Application

EP 08104653 A 20080707

Priority

DE 102007032095 A 20070710

Abstract (en)

[origin: EP2014591A2] Sensors (100, 150, 170, 200) provided, measure vibrations directly or indirectly, at right angles to the roller axis (20). A sensor(100) measures vibratory velocity and/or acceleration. The machine frame (12) of the winder includes sections (14) to which sensors (100, 150) are fitted. These have high- and low rigidities, at right angles to the roller axis. The sensors are located on or near frame components having low rigidity. The winder has a clamp (28) for the full roll, with a sensor (170) on or near it. An independent claim IS INCLUDED FOR the corresponding unwinding method.

IPC 8 full level

B65H 16/06 (2006.01)

CPC (source: EP)

B65H 16/06 (2013.01); **B65H 2511/166** (2013.01); **B65H 2511/22** (2013.01); **B65H 2513/10** (2013.01); **B65H 2513/20** (2013.01); **B65H 2515/30** (2013.01); **B65H 2515/34** (2013.01); **B65H 2515/50** (2013.01); **B65H 2515/82** (2013.01); **B65H 2553/40** (2013.01)

C-Set (source: EP)

1. **B65H 2511/166 + B65H 2220/03**
2. **B65H 2511/22 + B65H 2220/03**
3. **B65H 2513/10 + B65H 2220/02**
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5. **B65H 2515/34 + B65H 2220/03**
6. **B65H 2515/50 + B65H 2220/03**
7. **B65H 2515/82 + B65H 2220/03**
8. **B65H 2513/20 + B65H 2220/03**

Cited by

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Designated contracting state (EPC)

AT DE FI IT SE

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