

Title (en)

Device for continuously rolling up a web of fibrous material

Title (de)

Vorrichtung zum kontinuierlichen Aufwickeln einer Faserstoffbahn

Title (fr)

Dispositif d'enroulement continu d'une bande de matière fibreuse

Publication

EP 2253567 B1 20130710 (DE)

Application

EP 10004672 A 20100504

Priority

AT 8012009 A 20090522

Abstract (en)

[origin: EP2253567A2] The device has a fibrous material web (1) guided over a support drum (2), which is supported at an end (3) of a vertical swinging arm (4). The fibrous material web is rolled by a winding device (5). Force between the swinging arm and a fixed counter part (6) is measured by a force measuring device (7). The swinging arm is clamped against the force measuring device by a clamping element (8) e.g. hydraulic cylinder and pneumatic cylinder. Clamping force is adjusted for clamping the swinging arm against the force measuring device by the clamping element.

IPC 8 full level

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

CPC (source: EP US)

B65H 18/26 (2013.01 - EP US); **B65H 19/2261** (2013.01 - EP US); **B65H 2301/41308** (2013.01 - EP US); **B65H 2408/236** (2013.01 - EP US); **B65H 2553/61** (2013.01 - EP US)

Cited by

CN103552889A; US11806352B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2253567 A2 20101124; **EP 2253567 A3 20110907**; **EP 2253567 B1 20130710**; AT 508289 A1 20101215; AT 508289 B1 20110215; CA 2703509 A1 20101122; CA 2703509 C 20170530; CN 101892606 A 20101124; CN 101892606 B 20141203; ES 2430416 T3 20131120; PL 2253567 T3 20131231; US 2010301156 A1 20101202; US 8302898 B2 20121106

DOCDB simple family (application)

EP 10004672 A 20100504; AT 8012009 A 20090522; CA 2703509 A 20100511; CN 201010233671 A 20100520; ES 10004672 T 20100504; PL 10004672 T 20100504; US 80060510 A 20100519