

Title (en)

Device and method for winding a sheet of material

Title (de)

Vorrichtung und Verfahren zum Aufwickeln einer Materialbahn

Title (fr)

Dispositif et procédé d'enroulement d'une bande de matériau

Publication

EP 2502861 B1 20190807 (DE)

Application

EP 12159574 A 20120315

Priority

DE 102011006161 A 20110325

Abstract (en)

[origin: EP2502861A2] The apparatus (1) has a roller (2), on which a winding roll (5) is applied during the winding, where the winding roll rotates during the winding with a maximum rotational frequency. The roller having natural frequency is mounted in a bearing device having a bearing (7), where the natural frequency is less than the maximum rotational frequency of the roller. The winding roller rotates with a reduced rotation frequency when reached to a maximum diameter. An independent claim is included for a method for winding a material web to a winding roller.

IPC 8 full level

B65H 18/20 (2006.01)

CPC (source: EP)

B65H 18/20 (2013.01); **B65H 2402/52** (2013.01); **B65H 2515/50** (2013.01); **B65H 2515/81** (2013.01); **B65H 2601/524** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2502861 A2 20120926; EP 2502861 A3 20141203; EP 2502861 B1 20190807; CN 102756938 A 20121031; CN 102756938 B 20170301; DE 102011006161 A1 20120927

DOCDB simple family (application)

EP 12159574 A 20120315; CN 201210243081 A 20120326; DE 102011006161 A 20110325