

Title (en)
Method of winding a material web

Title (de)
Verfahren zum Aufwickeln einer Materialbahn

Title (fr)
Procédé d'enroulement d'une bande de matériau

Publication
EP 2341020 A3 20120125 (DE)

Application
EP 10187883 A 20101018

Priority
DE 102009055349 A 20091229

Abstract (en)
[origin: EP2341020A2] The method involves providing a roller winding device (R) with an electronic unit for balancing oscillations of a roller (1) and/or a winding roller (5). The roller is driven by a drive motor (6) around rotatory degree of freedom. The roller is controlled and/or regulated in a direction of motion of another degree of freedom in a static portion and a periodic portion. The roller is controlled and/or regulated by feedback and/or feed forward influences. The periodic portion is controlled and/or regulated using high frequency.

IPC 8 full level
B65H 18/20 (2006.01)

CPC (source: EP)
B65H 18/20 (2013.01); **B65H 2301/4148** (2013.01); **B65H 2404/434** (2013.01); **B65H 2511/51** (2013.01); **B65H 2515/50** (2013.01); **B65H 2601/524** (2013.01); **B65H 2601/5242** (2013.01)

Citation (search report)

- [XY] EP 1739040 A2 20070103 - VOITH PATENT GMBH [DE]
- [Y] EP 0157062 A2 19851009 - BELOIT CORP [US]
- [Y] EP 1176108 A2 20020130 - VOITH PAPER PATENT GMBH [DE]
- [Y] US 4165843 A 19790828 - KRAMER ERNST-OTTO [DE], et al
- [Y] EP 1790600 A2 20070530 - VOITH PATENT GMBH [DE]
- [Y] WO 9747545 A1 19971218 - VALMET CORP [FI]
- [Y] GB 2018728 A 19791024 - BELOIT CORP
- [A] WO 2007113389 A1 20071011 - METSO PAPER INC [FI], et al
- [A] EP 2108606 A2 20091014 - METSO PAPER INC [FI]

Cited by
WO2012107644A1

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

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BA ME

DOCDB simple family (publication)
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EP 10187883 A 20101018; DE 102009055349 A 20091229