

Title (en)

Winding machine for continuously winding a web material

Title (de)

Wickelmaschine zum kontinuierlichen Aufwickeln einer Materialbahn

Title (fr)

Bobineuse pour enrouler en continu un matériau en bande

Publication

EP 1535870 A3 20051026 (DE)

Application

EP 04106003 A 20041123

Priority

DE 10355688 A 20031128

Abstract (en)

[origin: EP1535870A2] The winding machine includes a lift device with air compression unit (12) operated by a drive (18) with at least two contra-rotating drive systems (19.1, 19.2) each having a drive unit (20.1) and a force transfer element (21.1) connected at the end to one of the two transport slides (14.1). The connection of the force transfer element on one side is above the vertical end position of the cross support (17) and on the other side is below the relevant vertical end position of same. The force transfer element can be one side of a cable, chain or steel belt.

IPC 1-7

B65H 18/26; **B65H 18/16**

IPC 8 full level

B65H 18/16 (2006.01); **B65H 18/26** (2006.01)

CPC (source: EP)

B65H 18/16 (2013.01); **B65H 18/26** (2013.01); **B65H 2601/211** (2013.01)

Citation (search report)

- [DA] EP 1055624 A2 20001129 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [A] DE 4401959 A1 19940721 - VOITH GMBH J M [DE]
- [DA] EP 0941955 A2 19990915 - VOITH SULZER PAPIERTECH PATENT [DE]

Cited by

CN102803108A; CN110504493A; EP1900664A3; WO2010149404A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1535870 A2 20050601; **EP 1535870 A3 20051026**; **EP 1535870 B1 20080116**; AT E384018 T1 20080215; DE 10355688 A1 20050623; DE 502004005954 D1 20080306

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