

Title (en)

Winding device and method for winding a web-wide paper or cardboard sheet

Title (de)

Wickelvorrichtung und Verfahren zum Wickeln einer bahnbreiten Papier- oder Kartonbahn

Title (fr)

Dispositif d'enroulement et procédé d'enroulement d'une bande de papier ou de carton à largeur de bande

Publication

EP 2578525 A3 20131113 (DE)

Application

EP 12186267 A 20120927

Priority

DE 102011083943 A 20111004

Abstract (en)

[origin: EP2578525A2] The device (1) has a nip (4) formed between a drum (2) and a tambour (3), where a portion of the tambour comprises circumferential grooves. A scraper (6) is arranged behind the nip at the drum, where a blower (8) is arranged behind the nip. The blower comprises multiple nozzles (11), where gas i.e. air, is injectable into the grooves through the nozzles. The blower is arranged co-axially to the tambour. The nozzles are alignable according to a position and nature of the grooves. The blower is adjustable in a blowing direction, and a control device (12) controls the blower. An independent claim is also included for a method for winding a fibrous material web i.e. paper or paperboard web.

IPC 8 full level

B65H 19/28 (2006.01)

CPC (source: EP)

B65H 19/28 (2013.01); **B65H 2301/41414** (2013.01); **B65H 2301/522** (2013.01); **B65H 2405/45** (2013.01); **B65H 2406/122** (2013.01); **B65H 2801/84** (2013.01)

Citation (search report)

- [A] DE 19848813 A1 20000427 - VOITH SULZER PAPIERTECH PATENT [DE]
- [A] EP 1621496 A2 20060201 - VOITH PAPER PATENT GMBH [DE]
- [A] JP 2001114459 A 20010424 - MITSUBISHI HEAVY IND LTD
- [A] DE 20104166 U1 20010621 - VOITH PAPER PATENT GMBH [DE]
- [A] US 4147287 A 19790403 - REBA IMANTS

Cited by

CN113329962A; AT16578U1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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