

Title (en)

Method and device in a winder for webs, in particular feeding new cores to a winder.

Title (de)

Verfahren und Vorrichtung in einem Wickler für Bahnen, insbesondere Zuführen neue Wellen in den Wickler

Title (fr)

Procédé et dispositif dans un enrouleur de bandes, en particulier l'alimentation des nouveaux noyaux à un enrouleur.

Publication

EP 2669224 A1 20131204 (EN)

Application

EP 12169784 A 20120529

Priority

EP 12169784 A 20120529

Abstract (en)

The invention relates to a method in a winder for winding fiber webs, particularly for winding longitudinally slitted paper and board webs into partial web rolls (20A, 20B) around cores (26A, 26B), in which method the partial web rolls (20A, 20B) are wound in winding stations on one or two winding rolls (10A, 10B) by a nip between the winding roll (10A, 10B) and the partial web roll be wound (20A, 20B). In the method the new cores (25A, 25B) are transferred to the winding stations of the winder on feeding beams (11 A, 11 B) supported by support guides (12A, 12B) such that the cores (25A, 25B) are supported stationary on two fixed support points during movement of the feeding beams (11 A, 11 B). The invention also relates to a device in a winder for winding fiber webs, particularly for winding longitudinally slitted paper and board webs into partial web rolls (20A, 20B) around cores (26A, 26B), which winder comprises one or two winding rolls (10A, 10B), which device comprises an arrangement (11 A, 11 B) for feeding cores (25A, 25B) into winding stations located on each winding roll (10A, 10B), which winding stations comprise winding heads (13A, 13B) for supporting the ends of the cores (26A, 26B) during winding. The arrangement for feeding new cores (25A, 25B) to the winding stations comprises feeding beams (11A, 11 B) with support guide (12A, 12B) for supporting the cores (25A, 25B) stationary on two fixed support points during movement of the feeding beams (11 A, 11 B).

IPC 8 full level

B65H 18/02 (2006.01); **B65H 19/22** (2006.01); **B65H 19/30** (2006.01)

CPC (source: EP US)

B65H 19/2284 (2013.01 - EP US); **B65H 19/305** (2013.01 - EP); **B65H 2301/4148** (2013.01 - EP); **B65H 2301/41486** (2013.01 - EP); **B65H 2301/4182** (2013.01 - EP); **B65H 2402/30** (2013.01 - EP); **B65H 2402/40** (2013.01 - EP)

Citation (applicant)

- US 4749140 A 19880607 - RUFF HANS-ALBRECHT [DE]
- US 4909454 A 19900320 - WELP EWALD G [DE], et al
- US 4508283 A 19850402 - BEISSWANGER RUDOLF [DE]
- EP 0324709 A2 19890719 - BELOIT CORP [US]

Citation (search report)

- [XII] US 5356087 A 19941018 - SMITH PHILIP W [US], et al
- [A] US 4485979 A 19841204 - DROPCZYNSKI HARTMUT [DE]

Cited by

CN113213226A; US10427903B2; US10427902B2; US10442649B2; TWI565644B

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)

EP 2669224 A1 20131204; **EP 2669224 B1 20190522**; CN 103449219 A 20131218; CN 103449219 B 20160629

DOCDB simple family (application)

EP 12169784 A 20120529; CN 201310206455 A 20130529