

Title (en)

Method and device for automatically replacing a full roll by a new winding core.

Title (de)

Verfahren und Vorrichtung zum automatischen Wechseln einer vollen Wickelrolle gegen eine neue Wickelhülse.

Title (fr)

Méthode et dispositif pour le remplacement automatique d'une bobine pleine par un nouveau noyau d'enroulement.

Publication

EP 0442038 B1 19951011 (DE)

Application

EP 90119865 A 19901017

Priority

DE 4003504 A 19900207

Abstract (en)

[origin: EP0442038A2] According to the invention, in a supporting-cylinder winding machine having two driven supporting cylinders (1, 2), in which the material web (5), deflected by one supporting cylinder (1), is guided from below through the supporting-cylinder nip into the cylinder bed (3), the automatic replacement of a full winding roll (4) by a new winding tube (16) is carried out by the following steps: - the material web (5) is stopped and is weakened in the region in front of the supporting cylinder (1), and an adhesive is applied on both sides of the weakening, - the weakened point is moved into the cylinder bed (3) and is stopped there below the line of contact of the empty winding tube (16) against the supporting cylinder (1), - the new web start to be provided is retained on the looped-round supporting cylinder (1), - subsequently, as a result of the rotation of the full winding roll (4) by means of the supporting cylinder (2), not looped round, counter to a braking force, the web (5) is severed and the web end is glued to the full roll (4), - thereafter, the full winding roll (4) is removed from the winding bed (3), and after the insertion of the new winding tube (16) this is glued to the new web start as a result of the rotation of the two supporting cylinders (1, 2). <IMAGE>

IPC 1-7

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CPC (source: EP US)

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Cited by

US6086010A; EP1652803A3; DE19804411A1; EP0934895A3; EP0733569A3; EP0585092A1; US5419511A; DE19808041A1; EP0945380A1; DE202014003408U1; US6230998B1; US6199476B1; EP1652803A2; WO2015024682A1; WO9206912A1

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