

Title (en)

Device for automatically doffing the hollow lap rollers from a framing of a condenser card.

Title (de)

Vorrichtung zum automatischen Abzug von Hohlzylinderwickel vom Gatter einer Verdichtungskarde.

Title (fr)

Appareil de levée automatique de rouleaux de nappe à mandrin creux d'un cantre d'une carte condenseuse.

Publication

EP 0683254 A1 19951122 (EN)

Application

EP 95101571 A 19950207

Priority

IT MI940993 A 19940517

Abstract (en)

A device for automatically doffing the hollow lap rollers comprises, for each hollow lap roller, a driving movable means (5, 5A, 5B, 5C, 5D) for supporting and ejecting the hollow lap roller (4) already loaded with the roving (1); a doffing element (7) with a closed loop path, provided with doffing hook elements (71); a locating element (9) for locating the empty hollow lap rollers and supplied by sliding guides (90); auxiliary means (150) for ejecting air blows in order to aid a proper starting of the winding of the new hollow lap rollers to be filled-in as well as auxiliary means (6) adapted to press, at the start of a new winding step, the empty hollow lap roller on the hollow lap roller cylinder (2) in order to safely trigger the winding thereof. The device is adapted to speed-up the doffing operation, and allows to save labour and time. <IMAGE>

IPC 1-7

D01G 15/62; **D01G 27/04**

IPC 8 full level

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CPC (source: EP)

B65H 67/0405 (2013.01); **D01G 15/62** (2013.01); **D01G 27/04** (2013.01); **B65H 2701/311** (2013.01)

Citation (search report)

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BE1009648A3

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

EP 0683254 A1 19951122; **EP 0683254 B1 19981028**; CN 1119224 A 19960327; DE 69505592 D1 19981203; DE 69505592 T2 19990401; ES 2124443 T3 19990201; IT 1269787 B 19970415; IT MI940993 A0 19940517; IT MI940993 A1 19951117; PL 307899 A1 19951127

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EP 95101571 A 19950207; CN 95102027 A 19950217; DE 69505592 T 19950207; ES 95101571 T 19950207; IT MI940993 A 19940517; PL 30789995 A 19950328