

Title (en)

Device for winding a knitwear web

Title (de)

Vorrichtung zum Aufwickeln einer Wirkwarenbahn

Title (fr)

Dispositif pour enrouler une bande de tissu à mailles tricotées

Publication

EP 0808788 A1 19971126 (DE)

Application

EP 97107448 A 19970506

Priority

DE 19620670 A 19960522

Abstract (en)

The web (1) is delivered from a knitting machine to a winding drum (14,14') driven by an axle drive system (13,25-29) whose rotation speed is controlled by sensors (7,9,10) measuring web tension. A take-off roll (15) for the web is located at the position (16) where the web is taken up by the winding drum. The distance between the roll and drum is kept constant by moving them relative to each other along a radial guide. The take-off roll may be guided radially outwards with the incremental diameter of the winding drum. The take-off roll may be mounted on the ends of the rotation arm (17,17') whose length is refined such that the movement of the take-off roll.

Abstract (de)

Vorrichtung zum Aufwickeln einer Wirkwarenbahn (1), die von einer Kettenwirkmaschine zu einem Warenwickel (14) geliefert wird, unter Verwendung eines Achsantriebs, der mittels eines die Warenspannung messenden Sensors (7-10) hinsichtlich seiner Drehzahl geregelt ist. Zum Aufwickeln von Elastikwirkware ist eine in Abstand vom Warenwickel (14) gehaltene, der Auflaufstelle (16) der Warenbahn (1) am Warenwickel (14) benachbarte Ausstreifwalze (15) angeordnet, wobei zur Einhaltung eines im wesentlichen gleichbleibendem Abstandes zwischen Warenwickel (14) und Ausstreifwalze (15) deren Relativ-Verschiebung längs einer Radialführung erfolgt. <IMAGE>

IPC 1-7

B65H 23/025; **B65H 23/195**

IPC 8 full level

D04B 27/34 (2006.01); **B65H 18/08** (2006.01); **B65H 23/025** (2006.01); **B65H 23/195** (2006.01)

CPC (source: EP KR US)

B65H 18/08 (2013.01 - EP US); **D04B 27/12** (2013.01 - KR); **D04B 27/34** (2013.01 - EP KR US); **D04B 35/02** (2013.01 - KR); **D04B 37/06** (2013.01 - KR); **B65H 2511/30** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2701/1716** (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 246 (M - 510)<2302> 23 August 1986 (1986-08-23)

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Designated contracting state (EPC)

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US 5850982 A 19981222; BR 9703368 A 19980915; CN 1076703 C 20011226; CN 1171461 A 19980128; DE 19620670 A1 19971211; DE 19620670 C2 19980723; DE 59700360 D1 19990930; EP 0808788 A1 19971126; EP 0808788 B1 19990825; ES 2135965 T3 19991101; JP 2926614 B2 19990728; JP H10158963 A 19980616; KR 970075015 A 19971210; MX 9703746 A 19980628; TW 494154 B 20020711

DOCDB simple family (application)

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