

Title (en)

Automatic winding machine and method for transferring a yarn from a full bobbin to a winding tube

Title (de)

Automatische Spulmaschine und Verfahren zur Übergabe des Fadens von einer vollen Spule an eine leere Hülse

Title (fr)

Bobinoir automatique et procédé pour le transfert du fil d'une bobine pleine à une bobine vide

Publication

EP 0703179 A3 19960821 (DE)

Application

EP 95810507 A 19950814

Priority

- CH 264394 A 19940824
- US 33440094 A 19941103

Abstract (en)

[origin: EP0703179A2] The coiling machine winds thread onto an empty casing (11) until a full coil is formed and has several deflector guides which guide the thread (14) during the transfer process when a full coil (3) is moved from a winding position to a withdrawal position and an empty casing is moved to the winding position. The deflector guides form by contact with the thread during the transfer process a first (50), second (52A) and third thread extent. The pair of deflector guides by which the second thread extent (52A) is formed are located as near as possible to the empty casing and to the full coil in order to reduce the total contact angle between the thread and the deflector guides.

IPC 1-7

B65H 67/048

IPC 8 full level

B65H 67/044 (2006.01); **B65H 65/00** (2006.01); **B65H 67/048** (2006.01)

CPC (source: EP)

B65H 65/00 (2013.01); **B65H 67/048** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 157 (M - 696)<3004> 13 May 1988 (1988-05-13)
- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 10 (M - 658)<2857> 13 January 1988 (1988-01-13)

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