

Title (en)

Winding device for a textile machine producing crosswound bobbins

Title (de)

Spulvorrichtung für eine Kreuzspulen herstellende Textilmaschine

Title (fr)

Dispositif de bobinage pour une machine textile qui produit des bobines à spires croisées

Publication

EP 1184320 A3 20020626 (DE)

Application

EP 01112109 A 20010517

Priority

DE 10040106 A 20000817

Abstract (en)

[origin: US2002020779A1] A winding device (24) for a textile machine (1) producing cheeses has a creel (18) for holding a cheese (11) between tube receiving plates (38, 38'), a yarn traversing device (28) comprising a separate drive (31), and a speed-regulatable drive device (27) integrated in the creel (18) to move in a bearing housing (23) of the creel (18) and connected to one of the tube receiving plates (38, 38'). The drive device (27) can be loaded with a braking current which produces a moment opposite the direction of rotation (SR) of the cheese (11), for braking the cheese (11). The drive device (27) is arranged in a sliding sleeve (35) that can be loaded pneumatically against the displacement force of spring elements (43) to move one of the tube receiving plates (38) outwardly as needed in a creel opening direction.

IPC 1-7

B65H 54/44; **B65H 54/553**; **B65H 54/74**

IPC 8 full level

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CPC (source: EP US)

B65H 54/2827 (2013.01 - EP US); **B65H 54/44** (2013.01 - EP US); **B65H 54/553** (2013.01 - EP US); **B65H 54/74** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

- [DAP] DE 19908093 A1 20000831 - SCHLAFHORST & CO W [DE]
- [DA] DE 19836701 A1 20000217 - SCHLAFHORST & CO W [DE]
- [A] DE 4300389 A1 19930722 - BARMAG BARMER MASCHF [DE]
- [A] DE 4330647 A1 19950316 - SCHLAFHORST & CO W [DE]
- [A] DE 2313152 A1 19740919 - SCHLAFHORST & CO W
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 065 (M - 797) 14 February 1989 (1989-02-14)

Cited by

DE102016117612A1; EP2336064A3; ITMI20120479A1; US10730716B2; WO2015055399A3; WO2019007729A1

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DOCDB simple family (application)

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