

Title (en)

Yarn-feed device for spinning machine, for throwing or texturing or similar operations

Title (de)

Garnlieferwerk für Spinnmaschine, zur Moulinierung oder Texturierung o. dgl

Title (fr)

Dispositif délivreur de fil pour machine textile de filature, moulinage, texturation ou similaire

Publication

EP 0940488 B1 20020508 (FR)

Application

EP 99420048 A 19990225

Priority

FR 9802858 A 19980304

Abstract (en)

[origin: EP0940488A1] The godet roller (2) assembly, for synthetic filaments, is mounted to a linked arm (6) together with the deflection tine, mounted (7) to the machine frame. The godet (2) axis (8) is supported by bearings (9a,b), with a drive roller (12) at the free end in contact with a motor drive shaft in the working position, which extends along the machine length as a common drive for all the workstations. A mechanism acts on the swing arms (6) to hold the drive roller (12) with a given pressure against the drive shaft during normal working, and detach the roller from the shaft when not in use. The drive roller (12) has a cladding (13), preferably of rubber. A spring (17) gives the required pressure against the drive shaft. One end of the spring is at a pedestal (7) supporting the godet (2) and the other end is at the machine frame. The swing axis for the support arms (6) is positioned so that, in the working position, the spring tension holds the drive roller against the drive shaft and, when not in use, holds the roller clear of the drive shaft. The godet (2) is electrically heated, pref. by induction.

IPC 1-7

D02J 1/22; **B65H 51/04**

IPC 8 full level

B65H 51/12 (2006.01); **B65H 51/04** (2006.01); **D01H 13/02** (2006.01); **D02J 1/22** (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP US)

B65H 51/04 (2013.01 - EP US); **D02J 1/22** (2013.01 - EP US); **D02J 13/005** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

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BE DE ES FR GB IT PT

DOCDB simple family (publication)

EP 0940488 A1 19990908; **EP 0940488 B1 20020508**; DE 69901407 D1 20020613; DE 69901407 T2 20021002; ES 2175914 T3 20021116; FR 2775697 A1 19990910; FR 2775697 B1 20000414; JP H11314843 A 19991116; PT 940488 E 20020830; US 6148598 A 20001121

DOCDB simple family (application)

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