

Title (en)

Device for controlling a system for drawing strands of fibres.

Title (de)

Vorrichtung zum Steuern eines Systems zum Strecken von Stapelfaserband.

Title (fr)

Dispositif de commande d'un système d'étirage de mèches de fibres.

Publication

EP 0028577 A1 19810513 (FR)

Application

EP 80420118 A 19801104

Priority

FR 7927624 A 19791105

Abstract (en)

[origin: US4373233A] A drive system for a drawframe for a rove drawing process in which the drawframe includes at least one pair of feed rollers, at least one pair of sleeves, at least one pair of drawing rollers, and at least one swinging arm on which one feed roller, one sleeve and one drawing roller of each pair is supported, the swinging arm being displaceable between an inoperative position and an operative position where the pair of feed rollers, pair of sleeves and pair of drawing rollers are engaged under pressure for rove drawing. The drive system includes a drive shaft and at least one displaceable friction clutch roller which is displaceable between an operative position to engage both the drive shaft and one of the feed rollers for transmitting drive from the drive shaft to the feed roller, and an inoperative position where it is disengaged from the feed roller, the friction clutch roller being displaceable into its operative position to allow progressive engagement of the drawframe at start up.

Abstract (fr)

L'invention concerne le dispositif de commande d'un système d'étirage de mèches de fibres (8), du type comportant une paire de cylindres (1), (2) d'alimentation, un système (3), (4) à double manchons, et une paire de cylindres étireurs (6), (7). Ce dispositif se caractérise par le fait que l'entraînement des cylindres alimentaires (1), (2) est obtenu, au moins pendant la période de lancement, au moyen d'un galet d'embrayage (15) par friction associé à chaque position de travail, ledit galet (15) étant déplaçable et venant, lorsqu'il est en position embrayée, en contact à la fois avec l'un des cylindres alimentaires (par exemple le cylindre (2) et avec un arbre-moteur (12).

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D01H 1/22; **D01H 5/26**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- US 3327464 A 19670627 - HUBERT HALLEUX
- CH 286439 A 19521031 - SACO LOWELL SHOPS [US]

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