

Title (en)

Electropneumatic device for the automatic treading of weft feeders and weft feeder including said device

Title (de)

Elektropneumatische Vorrichtung zum automatischen Einfädeln eines Schussfadenzubringers und Schussfadenzubringer der diese Vorrichtung enthält

Title (fr)

Dispositif électropneumatique pour enfiler automatiquement un fournisseur de fil de trame et fournisseur de fil de trame qui comprend ce dispositif

Publication

EP 0754645 A1 19970122 (EN)

Application

EP 96111443 A 19960716

Priority

IT TO950616 A 19950718

Abstract (en)

An electropneumatic device for the automatic threading of weft feeders (10) that comprise a fixed drum (11), a braking means (17) that elastically engages the drum, an inlet bush (19) and an outlet bush (20) for the thread, means (22-23-24) for producing, in the bushes, a pneumatic stream for entraining the thread that passes through the feeder (10) from one end to the other, passing in an intermediate channel (28), and a pneumatic pusher to disengage the braking means (17) from elastic contact with the drum (11) and allow the thread to pass. The pneumatic pusher (29) is arranged on the axis of the drum (11) and is actuated by a pneumatic actuator (30) accommodated in the drum and fed with a stream of air that is transferred into the drum by a distributor (31) arranged outside the drum (11) and can retractably move in order to avoid hindering the free unwinding of the thread (F) from the drum when the threading device is inactive. <IMAGE>

IPC 1-7

B65H 51/22; **B65H 51/16**

IPC 8 full level

B65H 51/16 (2006.01); **B65H 51/22** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP)

B65H 51/16 (2013.01); **B65H 57/003** (2013.01); **D03D 47/361** (2013.01); **D03D 47/364** (2013.01); **D03D 47/366** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [A] EP 0436900 A1 19910717 - ROY ELECTROTEX SPA [IT]
- [A] EP 0446447 A1 19910918 - SOBREVIN [LI]
- [AD] EP 0567045 A1 19931027 - LGL ELECTRONICS SPA [IT]

Cited by

CN102454031A; CN102454030A; EP1695935A3; EP1266857A1; EP1371594A1; EP1262436A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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