

Title (en)

A method and a device for opening and subsequently closing a weft brake in a thread feeder

Title (de)

Verfahren und Vorrichtung zum Öffnen und nachfolgenden Schließen einer Einschussfadenbremse in einer Fadenzuführvorrichtung

Title (fr)

Procédé et dispositif d'ouverture et de fermeture subséquente d'un frein de trame dans un dispositif d'alimentation en fil

Publication

**EP 2586896 A2 20130501 (EN)**

Application

**EP 12005650 A 20120803**

Priority

IT TO20110977 A 20111027

Abstract (en)

According to the method of the invention, the step motor (14) of the brake (20, 23, 24, 26) of the thread feeder, upon opening command ( to ), is driven in the direction of opening the brake, while counting the steps made by the motor until the brake is stopped by abutment against a travel stop (22), and storing the step count reached at the time of blockage ( step \_ to \_ open ). upon a subsequent closing command ( t 3 ), the step motor is driven in a direction of closing the brake by a number of steps equal to the stored count.

IPC 8 full level

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CPC (source: EP)

**B65H 59/22** (2013.01); **D03D 47/347** (2013.01); **D03D 47/366** (2013.01); **D04B 15/482** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

- EP 0707102 A2 19960417 - LGL ELECTRONICS SPA [IT]
- EP 2031106 A1 20090304 - LGL ELECTRONICS SPA [IT]
- EP 1314806 A2 20030528 - LGL ELECTRONICS SPA [IT]

Cited by

EP3390707A4; CN108603315A; EP3414378A4

Designated contracting state (EPC)

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