

Title (en)

Device for making the tension of the thread uniform as it unwinds in a spooler.

Title (de)

Vorrichtung zur gleichmässigen Fadenspannung beim Abwickeln in einer Spulvorrichtung.

Title (fr)

Dispositif pour uniformiser la tension du fic textile pendant le déroulement dans un bobinoir.

Publication

**EP 0475484 A1 19920318 (EN)**

Application

**EP 91202078 A 19910814**

Priority

IT 2132990 A 19900829

Abstract (en)

The present invention relates to a device for making the value of the tension of the thread uniform as it unwinds in a spooler, which is designed to wind thread at high speed, the said device comprising a movable element (1), which acts as an unwinding accelerator and which at the tip surrounds the axis of the cop and along the said axis descends and moves in an essentially concentric position, between the beginning and end of the cop, during unwinding of the wound thread, in order to ensure an essentially constant distance between the descending point of rewinding and the movable element above which, as stated, acts as an unwinding accelerator. <IMAGE>

IPC 1-7

**B65H 57/22**; **B65H 59/06**; **B65H 63/08**

IPC 8 full level

**B65H 57/22** (2006.01); **B65H 59/06** (2006.01); **B65H 63/08** (2006.01)

CPC (source: EP)

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Citation (search report)

- [Y] US 3011736 A 19611205 - STEFAN FURST, et al
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- [X] PATENT ABSTRACTS OF JAPAN, Vol. 10, No. 388 (M-549)[2445] 25 December 1986; & JP-A-61 178 373 (MURATA MACH LTD) 11 August 1986, the whole document.

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CN103274261A; CN101891085A; US5445334A; BE1005300A5; US5377923A

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

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