Title (en)

THREAD STORAGE AND DELIVERY DEVICE

Publication

EP 0437472 B1 19930915 (DE)

Application

EP 89911055 A 19891005

Priority

- DE 3834231 A 19881007
- DE 3835319 A 19881017
- DE 3836833 A 19881028

Abstract (en)

[origin: WO9004058A1] A thread storage and delivery device for textile machines has a storage body that forms a storage surface and a thread winding element. The winding element and the storage body are rotative in relation to each other in order to convey the thread from the supply side of the device to the storage surface of the storage body, thus forming a stock of thread from which the thread is drawn to the outlet side of the device. Thread guiding bodies arranged in the path of the thread between the supply area and the outlet area have thread guiding surfaces composed of ceramic sintered material or coated with ceramic sintered material, the thread being deflected at the thread guiding surfaces with various angles. In order to achieve particularly favourable working conditions under friction, at least the thread guiding surface (L) with the largest deflection angle (180 DEG - alpha) is composed of a high density sintered material containing mainly mechanically resistant nitrides, carbides and/or carbonitrides hot-pressed in a pocket according to an isostatic sintering process to form the thread guiding body.

IPC 1-7

B65H 57/24; D03D 47/36

IPC 8 full level

B65H 51/22 (2006.01); **B65H 57/24** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP KR US)

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Cited by

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DOCDB simple family (publication)

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