

Title (en)

Yarn guiding component with an improved outer surface

Title (de)

Fadenführendes Bauteil mit verbesserter Oberfläche

Title (fr)

Élément de guidage de fils textiles à surface améliorée

Publication

**EP 0631961 B1 19971210 (DE)**

Application

**EP 94108859 A 19940609**

Priority

- DE 9309155 U 19930619
- DE 9311461 U 19930731

Abstract (en)

[origin: US5528799A] Described are thread-guiding components for apparatus for producing, treating and processing fiber materials, having a surface which comes into contact with the fiber materials defined by certain values of the maximum averaged roughness depth Rz and the values of the load-bearing proportion calculated for certain depths of cut. The defined surface comprises a cermet material. Preferably there is additionally deposited on it an outer layer, from 0.1 to 10.0  $\mu\text{m}$  in thickness of nitrides and/or carbides of titanium or chromium. The components are notable for significantly enhanced long-term stability of the surface properties. The components are preferably godets.

IPC 1-7

**B65H 57/24**; **D01H 5/78**; **C23C 4/18**

IPC 8 full level

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CPC (source: EP US)

**B65H 57/24** (2013.01 - EP US); **C23C 4/00** (2013.01 - EP US); **C23C 30/00** (2013.01 - EP US); **D01H 5/78** (2013.01 - EP US); **D02J 1/226** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by

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