

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 μm 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
B65H 57/14 (2006.01); **B65H 57/24** (2006.01); **C23C 4/00** (2006.01); **C23C 4/18** (2006.01); **C23C 30/00** (2006.01); **D01D 11/00** (2006.01); **D01D 11/04** (2006.01); **D01H 5/78** (2006.01); **D02J 1/22** (2006.01)

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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