

Title (en)
Fibre disintegrating device for spinning machines

Title (de)
Auflöseeinrichtung für Spinnmaschinen

Title (fr)
Dispositif défibreur pour métiers à filer

Publication
EP 1612307 A3 20060621 (DE)

Application
EP 05104647 A 20050531

Priority
• DE 102004029659 A 20040618
• DE 102004051676 A 20041022
• DE 102004053427 A 20041105

Abstract (en)
[origin: EP1612307A2] The roller (1) rotating on an axis (4) to loosen sliver into fibers, especially at an open-end spinner, is fitted with clothing wires (3) or rings which are bent to fit the geometry of the carrier ring (2) to give the final roller geometry. The material has a two-layer structure with a hard material outer layer on a substrate layer. The hard layer is applied by chemical vapor deposition (CVD), physical vapor deposition (PVD) or plasma CVD.

IPC 8 full level
D01H 4/32 (2006.01)

CPC (source: EP US)
C23C 28/044 (2013.01 - EP US); **C23C 28/046** (2013.01 - EP US); **D01H 4/32** (2013.01 - EP US)

Citation (search report)
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Designated contracting state (EPC)
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