

Title (en)

Fibre guidance channel device for an open ended spinning machine

Title (de)

Faserleitkanaleinrichtung für eine Offenend-Spinnvorrichtung

Title (fr)

Dispositif de canal de guidage de fibres pour un métier à tisser à extrémité ouverte

Publication

EP 2487282 B1 20161102 (DE)

Application

EP 11009591 A 20111206

Priority

DE 102011010925 A 20110211

Abstract (en)

[origin: EP2487282A2] The device has a fiber guide channel body (14) fixed in an opening roller housing. The body has a receiving opening (15) for a fiber guide channel insert (27) defining a central fiber guide channel (13) for pneumatically transporting individual fibers. The body is made of a plastics material. The insert is made of a highly abrasion-resistant material as a sleeve-like component fully closed in its annular extent. The fibers are combed by an opening roller from a feed sliver to a spinning rotor revolving at a high rotational speed in a negative pressure-loadable rotor housing.

IPC 8 full level

D01H 4/38 (2006.01); **B65H 57/24** (2006.01)

CPC (source: EP US)

B65H 57/12 (2013.01 - EP); **B65H 57/24** (2013.01 - EP US); **D01H 4/38** (2013.01 - EP US); **B65H 2701/311** (2013.01 - EP)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 11009591 A 20111206; CN 201210025442 A 20120202; DE 102011010925 A 20110211; US 201213368622 A 20120208