Title (en)

Screen apron for fibre-condensing guides

Title (de)

Siebriemchen für eine Verdichtungseinrichtung

Title (fr)

Manchon de tamis pour guides condenseurs

Publication

EP 2881500 B1 20181031 (DE)

Application

EP 14195936 A 20141202

Priority

- DE 102013113510 A 20131205
- DE 102014106745 A 20140513

Abstract (en)

[origin: CN104695067A] A screen apron for a compacting device of a spinning machine has a web of long filaments (10) and at least one fiber transport area (F) of screen apron (1) with multiple free surfaces (5) among the long filaments (10) so as to allow a suction air flow (S) to react to fiber bundle (3) moving on the screen apron. The fiber bundle (3) contacting surface of the filaments is of flattened design with round edges of multiple crossed places and the long filaments (10) and/or the free surfaces (5) at least in the fiber transport section (F) in comparison with a round surface of un-flattened crossed places and non-round edges so as to allow the contrary an easier movement of the fiber bundle (3) on the surface of screen apron (1).

IPC 8 full level

D01H 5/86 (2006.01); **D01H 5/72** (2006.01); **D03D 1/00** (2006.01); **D03D 15/00** (2006.01)

CPC (source: CN EP US)

D01H 5/26 (2013.01 - CN); **D01H 5/72** (2013.01 - EP); **D01H 5/86** (2013.01 - EP); **D03D 1/0094** (2013.01 - CN EP US); **D03D 13/00** (2013.01 - CN); **D03D 15/37** (2021.01 - CN EP US); **D03D 15/46** (2021.01 - CN EP); D10B 2505/00 (2013.01 - CN EP)

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)

EP 14195936 A 20141202; BR 102014029546 A 20141126; CN 201410734263 A 20141204; CN 201410734363 A 20141204; EP 14195938 A 20141202; IN 3384DE2014 A 20141120; IN 3385DE2014 A 20141120