

Title (en)

CLOTHING WIRE AND METHOD FOR PRODUCING STAPLE FIBRE NONWOVENS

Title (de)

GARNITURDRAHT UND VERFAHREN ZUR HERSTELLUNG VON STAPELFASERVLISEN

Title (fr)

FIL MÉTALLIQUE DE GARNITURE DE CARDE ET PROCÉDÉ DE FABRICATION DE NAPPES DE FIBRES DISCONTINUES

Publication

**EP 3117033 A1 20170118 (DE)**

Application

**EP 15711095 A 20150311**

Priority

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- EP 2015055057 W 20150311

Abstract (en)

[origin: WO2015135982A1] The invention relates to a clothing wire for mounting on a clothing roll of a carding machine, said clothing wire having a base section (1) and a blade section (4), wherein, in the clothing wire, the gradient  $dh/db$  of the height (h) as a function of the width (b) of at least a first section (10) of at least one blade-section side face (5, 6) is greater than the gradient  $dh/db$  of a second section (11) of the at least one blade-section side face (5, 6), wherein the second section (11) is closer to the base section (1) than the first section (10). The sign of the gradients  $dh/db$  is the same. In a region which extends to a vertical distance of at most  $1/8$  of the overall height of the blade section beneath the at least one second portion (11), there should be no protrusions or indentations that cause a change in sign of the gradient  $dh/db$  on the at least one blade-section side face (5, 6).

IPC 8 full level

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CPC (source: CN EP KR US)

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Citation (search report)

See references of WO 2015135982A1

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