

Title (en)  
Card clothing

Title (de)  
Drahtgarnitur für Karde

Title (fr)  
Garniture de carde

Publication  
**EP 1227179 B1 20051228 (DE)**

Application  
**EP 02001334 A 20020118**

Priority  
CH 1312001 A 20010125

Abstract (en)  
[origin: EP1227179A1] The wire clothing for a card, to form a fiber web, has points formed by angled wedge surfaces, where the side surfaces have a vertical height (h) of at least 3 mm to the clothing points. The wire clothing, for a card, has angled side surfaces to form the points, with a preferred vertical height of 3.0-4.5 mm to the clothing points. The pitch angle (  $\alpha$  ) of the point side surfaces, for clothing wire widths (B) across the carding direction, are set at 2.43 degrees for a wire up to 0.255mm and 0.25-0.28 mm, 2.7 degrees for a wire of 0.28-0.305 mm, 2.91 degrees for a wire of 0.305-0.33 mm and 3.15 degrees for a wire of  $\geq 0.33$  mm. The clothing wire has an additional relief grinding. The clothing wire is flat, round and particularly preferred as a bi-convex wire. The wire diameter across the carding direction is 0.25-0.33 mm and, in the carding direction, 0.355-0.43 mm. The clothing wire can have a knee bend and/or one or more shoulders. The clothing wire is fitted to static and/or revolving carding flats at a carding assembly.

IPC 1-7  
**D01G 15/84; D01G 15/88**

IPC 8 full level  
**D01G 15/86** (2006.01)

CPC (source: EP)  
**D01G 15/86** (2013.01)

Cited by  
DE102007037055A1; CN108342793A; EP1411157A1; DE10248776B3; CZ306426B6; CN108456954A; WO2008144950A1; WO2006136479A1

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