

Title (en)
Round comb clothing

Title (de)
Rundkamm-Garnitur

Title (fr)
Garniture d'un peigne circulaire

Publication
EP 1083250 B1 20040128 (DE)

Application
EP 00116326 A 20000727

Priority
DE 19936049 A 19990730

Abstract (en)
[origin: DE19936049A1] Clothing (30), for a circular comb, has a number of clothing segments (32,34,36,38) in succession in the direction of rotation around the comb axis (12). The leading clothing segment (32) has a weaker combing action on the fibers in the sliver than the following segments. At least one of the following segments (34,36,38) has a longer length around the comb periphery than the leading segment (32). At least two of segments (32,34,36,38) are structured so that each gives a stronger combing action than the preceding segment or the leading segment (32) and/or has a longer length. At least one clothing segment (32,34,36,38) has a number of adjacent sawtooth wire strips in the direction of the comb axis (12). The gap between the sawtooth points at the leading segment (32) is larger than at least one of clothing segments (34,36,38). The width of the gap between neighboring sawtooth wire strips at the leading clothing segment (32), parallel to the comb axis (12), is less than in at least one of segments (34,36,38). The teeth of the leading segment (32) have a smaller cutting angle than at least one of segments (34,36,38). The teeth of the leading segment (32) are higher than in at least one of segments (34,36,38).

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D01G 19/10

IPC 8 full level
D01G 19/06 (2006.01); **D01G 15/88** (2006.01); **D01G 19/10** (2006.01)

CPC (source: EP KR US)
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Cited by
EP1333113A1; US6804863B2; WO0244449A3; WO2011003743A1; DE102009032799A1

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US 6353974 B1 20020312; AR 035159 A1 20040505; AT E258612 T1 20040215; BR 0003215 A 20010313; CA 2314694 A1 20010130; CN 1211513 C 20050720; CN 1282807 A 20010207; DE 19936049 A1 20010201; DE 50005126 D1 20040304; EP 1083250 A2 20010314; EP 1083250 A3 20010321; EP 1083250 B1 20040128; ES 2157867 T1 20010901; JP 2001073233 A 20010321; KR 100665487 B1 20070110; KR 20010069998 A 20010725; TR 200002234 A2 20011022; TR 200002234 A3 20011022

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