

Title (en)
Flat clothing for a carding machine.

Title (de)
Deckelgarnitur für Karde.

Title (fr)
Garniture de chapeau pour une carde.

Publication
EP 0041076 A1 19811209 (DE)

Application
EP 80103579 A 19800625

Priority
CH 420080 A 19800529

Abstract (en)
[origin: ES8104448A1] A card clothing for carding machines, including a plurality of flexible card wires, which card wires consist of staple shaped wire sections including each a pair of legs integrally connected to each other by the staple crown, which staple legs define the teeth and which staple crown defines the base web of each card wire section, which teeth define lanes extending in the direction of the flow of the material to be carded relative to the card clothing, and which card wires are inserted in a pattern-like arrangement into a card fillet. At least two relative to the direction of material flow consecutively arranged teeth are located relative to each other at a distance extending laterally to said direction of flow which does not exceed the prevailing wire gauge of said card wire. Accordingly, the card clothing comprises no free lanes. The pattern-like arranged teeth define groups arranged consecutively with regard to said material flow. A relatively to said direction of flow of the material trailing group of the several groups is displaced laterally with regard to said direction of flow of material relative to a preceding group.

Abstract (de)
Die Zähne der Deckelgarnitur sind in Kardierrichtung (K) gesehen in mehrere aufeinanderfolgende Gruppen (1,2) aufgeteilt. Die erste Reihe (R "") der in Kardierrichtung (K) gesehen nachfolgenden Gruppe (2) ist relativ zur letzten Zahnreihe (R") der unmittelbar vorangehenden Gruppe (1) um einen Betrag quer zur Kardierrichtung (K) seitlich versetzt, der kleiner als die Gassenbreite (G) ist, die durch jeweils eine Reihe (R) der Zähne beschrieben ist. Dabei ist die Versetzung insgesamt derart gewählt, dass die Versetzungsstrecke nicht mehr als die jeweilige Drahtstärke des Kratzendrahtes beträgt, derart, dass keine freien Gassen mehr vorhanden sind.

IPC 1-7
D01G 15/84

IPC 8 full level
D01G 15/84 (2006.01); **D01G 15/86** (2006.01)

CPC (source: EP US)
D01G 15/84 (2013.01 - EP US)

Citation (search report)

- DE 293546 C
- DE 495415 C 19300407 - KARDBESLAG FABRIKS AKTIEBOLAGE
- DE 2052898 A1 19720510
- DE 2617796 A1 19761104 - KANAI HIROYUKI
- DE 293031 C
- FR 1212550 A 19600324 - EN COMMANDITE PAR ACTIONS DE S

Cited by
DE3336825A1; EP0410296A1; CH715824A1; EP0143174A3; US4590645A; GB2366303A; GB2366303B; EP0143174A2; EP3693498A1

Designated contracting state (EPC)
DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0041076 A1 19811209; EP 0041076 B1 19860723; BR 8004881 A 19820330; CH 644902 A5 19840831; DE 3071666 D1 19860828; ES 492932 A0 19810401; ES 8104448 A1 19810401; IN 152166 B 19831105; JP S5711217 A 19820120; MX 154677 A 19871119; US 4357738 A 19821109

DOCDB simple family (application)
EP 80103579 A 19800625; BR 8004881 A 19800804; CH 420080 A 19800529; DE 3071666 T 19800625; ES 492932 A 19800630; IN 758CA1980 A 19800701; JP 10684580 A 19800805; MX 18336580 A 19800730; US 17954080 A 19800819