

Title (en)
Combing cylinder with clothing elements

Title (de)
Rundkamm mit Garniturelementen

Title (fr)
Peigne circulaire avec des éléments de garniture

Publication
EP 1533404 B1 20080326 (DE)

Application
EP 04026063 A 20041103

Priority
CH 19592003 A 20031114

Abstract (en)
[origin: EP1533404A1] A combing cylinder is fitted with teeth (ZG) that are formed in one piece, e.g. by milling and grinding, from a base (GK) arranged in sections (6b). A number of sections, which can be of increasing length in the direction of rotation (D), are attached round the periphery of the cylinder. The rows of teeth (ZR) are at an angle (a, b) to the direction of rotation (D) and the tooth spacing or geometry can vary from section to section. An independent claim is also included for toothed sections (6b) for fitting to a comb cylinder in which the teeth (ZG) are in one piece with the base (GK). The sections can be attached by adhesive, soldering or welding. Alternatively they can be attached mechanically by from a side flange, by bolts from inside the cylinder, or by using dovetail retainers.

IPC 8 full level
D01G 19/10 (2006.01); **D01G 15/90** (2006.01); **D01G 15/92** (2006.01)

CPC (source: EP)
D01G 19/105 (2013.01)

Cited by
WO2011003743A1; CN101851817A; DE102009032799A1; DE102009018058A1; DE102010043064A1; DE102010043064B4; US9567695B2; WO2012055799A1; US8413305B2; WO2011003741A1; WO2007115712A1; EP2422002B1

Designated contracting state (EPC)
CH DE IT LI TR

DOCDB simple family (publication)
EP 1533404 A1 20050525; EP 1533404 B1 20080326; CN 1616728 A 20050518; CN 1616728 B 20100908; DE 502004006649 D1 20080508; JP 2005146501 A 20050609; JP 4727970 B2 20110720

DOCDB simple family (application)
EP 04026063 A 20041103; CN 200410098188 A 20041112; DE 502004006649 T 20041103; JP 2004326866 A 20041110