

Title (en)
Grinding of clothing

Title (de)
Schleifen von Garnituren

Title (fr)
Meulage de garnitures

Publication
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Application
EP 01109270 A 19970326

Priority
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• EP 97810178 A 19970326

Abstract (en)
To grind the clothing on a card, the grinders (42) have an elastic pliability so that, when the grinder carrier is moved between the clothing wire elements (40) to penetrate into the clothing, they pass over the heads of the clothing elements above the wire knee (41) and grind them. The grinder carrier is moved in a direction so that a grinder strikes a clothing element from the rear before the head is in contact with the grinder as it moves past the flat surfaces (43) of the heads of the card clothing wires. The specification is a part of . The grinding apparatus has a number of grinders on a moving carrier. The moving grinder carrier is mounted to a holder which is on card frames, and especially revolving flats with carding-flat bars (13), so that the grinder assembly can be carried from card to card. The grinders are distributed over the card working width, on a longitudinal carrier and preferably with a grinder unit fixed to the carrier at one end to project across the carrier from its mounting point. When a grinder is worn beyond its useful working life, it is replaced by exchanging the carrier. The carrier is composed of half-shells, on a rotary mounting, and applies a grinding action to the card clothing when the revolving flats are reversed. The carrier and the holder form a grinding assembly, incorporated into the card e.g. that the grinder is carried by the card in operation, and the card has a drive and a control to operate the grinder. The drive moves the grinding elements in a direction so that they are in contact with the clothing before they pass over the free ends of the clothing elements. The grinder can be integrated into a revolving flat cleaning system.

Abstract (de)
Ein Schleifgerät für die Deckel einer Karde umfasst elastisch biegbare Elemente, die zwischen den Garniturspitzen eindringen, die Seitenfläche der Spitzen überstreichen und sie dabei schleifen. <IMAGE>

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