

Title (en)
Method and apparatus for stripping off fibre flocks from textile fibre bales.

Title (de)
Verfahren und Vorrichtung zum Abtragen von Faserflocken aus Textilfaserballen.

Title (fr)
Procédé et dispositif pour enlever des touffes de fibres des balles de fibres textiles.

Publication
EP 0199041 A1 19861029 (DE)

Application
EP 86103135 A 19860308

Priority
CH 127185 A 19850322

Abstract (en)
[origin: US4707888A] An arrangement for extracting fiber flocks from textile fiber bales includes a fiber flock extraction member which passes between and projects to a predetermined extent beyond respective grid bars which rest on the bale surface during the extraction operation, for the extraction member to extract the fiber flocks from the surface layer of the bale. The extent to which the extraction member extends beyond the grid bars can be adjusted in dependence on the fiber type. To achieve this, the grid bars are movable with respect to the extraction member by respective screw-threaded spindles. This adjustment is performed under the control of a suitable control system, especially a microprocessor, such that the extent of projection of the extraction member beyond the grid bars is automatically accommodated to the fiber type of each bale or bale group from which the fiber flocks are to be extracted during a particular extraction operation.

Abstract (de)
Um beim Abtragen von Faserflocken aus Textilfaserballen (2), mit einem Faserabtragorgan (3), welches zwischen auf der Ballenoberfläche aufliegenden Roststäben (10) hindurch und diese überragt, um Flocken aus der Oberfläche zu lösen, auch die Faserart zu berücksichtigen, wird das Mass M des Ueberragens des Faserabtragorgans (3) je nach Faserart verändert. Dazu sind die Roststäbe (10) mittels Gewindespindeln (13) gegenüber dem Faserabtragorgan (3) verschiebbar angeordnet, so dass bei Verwendung einer geeigneten Steuerung das Mass M des Ueberragens automatisch für die entsprechende Faserart der abzutragenden Balle oder Ballengruppe angepasst werden kann.

IPC 1-7
D01G 7/10

IPC 8 full level
D01G 7/00 (2006.01); **D01G 7/10** (2006.01)

CPC (source: EP US)
D01G 7/10 (2013.01 - EP US)

Citation (applicant)
DE 3245506 A1 19830630 - MARZOLI & C SPA [IT]

Citation (search report)
• [X] US 3381341 A 19680507 - LOUIS PLATT, et al
• [X] DE 2621885 A1 19761209 - MARZOLI & C SPA
• [A] FR 1296809 A 19620622 - RIETER AG MASCHF
• [A] GB 1171414 A 19691119 - CARDING SPEC CANADA [CA]
• [A] FR 1191797 A 19591021 - SCHUBERT & SALZER MASCHINEN

Cited by
CN102061535A; CH710257A1; US4951358A; US4928354A; DE3827517A1; US4984336A; GB2185759B; EP1702573A1; EP0693583A1; US5617614A; EP0415156A1; US10190238B2; US7618428B2; US8062319B2

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0199041 A1 19861029; EP 0199041 B1 19890510; DE 3663268 D1 19890615; IN 166942 B 19900811; JP S61225332 A 19861007; US 4707888 A 19871124

DOCDB simple family (application)
EP 86103135 A 19860308; DE 3663268 T 19860308; IN 35MA1986 A 19860121; JP 5965986 A 19860319; US 83855486 A 19860311