

Title (en)

A device for expelling the vegetable impurities in a wool card

Title (de)

Vorrichtung zum Ausscheiden von pflanzlichen Verunreinigungen in einer Krempel

Title (fr)

Appareil d'expulsion d'impuretés végétales dans une cardé dite laine

Publication

**EP 1045047 A1 20001018 (EN)**

Application

**EP 00107736 A 20000411**

Priority

IT TO990299 A 19990415

Abstract (en)

A device for expelling the vegetable impurities in a wool card comprises at least one Morel cylinder (1) with which at least one pair of burr-beaters (2, 3) cooperates. Interposed between the two burr-beaters (2, 3) is a pair of rolls (4, 5) of which the first is a working roll (4) rotating at a speed slower than that of the Morel cylinder (1) and the second is a brush-like roll (5) rotating at a speed faster than that of the working roll (4) but slower than the that of Morel cylinder (1). The brush-like roll (5) discharges the fibres onto the Morel cylinder (1) in a manner such that they are turned over and arranged parallel with one another. <IMAGE>

IPC 1-7

**D01G 15/98**

IPC 8 full level

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Citation (search report)

- [Y] EP 0770715 A1 19970502 - COMMW SCIENT IND RES ORG [AU]
- [YD] FR 2232626 A1 19750103 - SCHLUMBERGER CIE N [FR]
- [A] GB 892111 A 19620321 - WALTER HELVITIO SCHNEIDER

Cited by

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DOCDB simple family (publication)

**EP 1045047 A1 20001018; EP 1045047 B1 20030514**; DE 60002629 D1 20030618; DE 60002629 T2 20040311; ES 2195813 T3 20031216; IT 1308803 B1 20020111; IT TO990299 A1 20001015

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