

Title (en)

Method and apparatus for cleaning or carding of textile fibres.

Title (de)

Verfahren und Vorrichtung zum Reinigen oder Kardieren von Textilfasern.

Title (fr)

Procédé et appareil pour le nettoyage ou cardage des fibres textiles.

Publication

EP 0431379 B1 19940504 (DE)

Application

EP 90122024 A 19901117

Priority

CH 434889 A 19891204

Abstract (en)

[origin: EP0431379A1] The invention relates to a method and an apparatus for cleaning or carding textile fibres between a rotating cleaning or carding drum (2), having a clothing (7) provided fixedly on this and carding elements (5) which surround this drum and on which a clothing (9, 10, 11, 12, 13, 14) is likewise provided. <??>The essence of the invention is that the teeth (9, 10, 11, 12, 13, 14) of the carding elements (5) are provided differently in the direction of movement (8) of the rotating drum (2), in such a way that, for example, the tooth (9) has a so-called negative direction of relatively large angle alpha and the tooth (14) a positive direction of relatively small angle alpha , and those located in between according to Figure 3 are provided with different angles of incidence. This ensures a cleaning or carding effect which differs within a predetermined circumferential region of the drum.

IPC 1-7

D01G 15/24; **D01G 9/20**

IPC 8 full level

D01G 15/08 (2006.01); **D01G 9/20** (2006.01); **D01G 15/24** (2006.01)

CPC (source: EP US)

D01G 9/20 (2013.01 - EP US); **D01G 15/24** (2013.01 - EP US)

Cited by

CN113832576A; WO9700983A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0431379 A1 19910612; **EP 0431379 B1 19940504**; DE 59005618 D1 19940609; JP H03180515 A 19910806; US 5142741 A 19920901

DOCDB simple family (application)

EP 90122024 A 19901117; DE 59005618 T 19901117; JP 32340690 A 19901128; US 62197990 A 19901204