

Title (en)

DEVICE SUCH AS A CARDING MACHINE FOR PROCESSING FIBRES

Title (de)

VORRICHTUNG, WIE KARDE ODER KREMPEL FÜR DIE FASERVERARBEITUNG

Title (fr)

DISPOSITIF TEL QU'UNE MACHINE A CARDER DESTINE AU TRAITEMENT DE FIBRES

Publication

EP 1313901 B2 20110601 (DE)

Application

EP 01960634 A 20010807

Priority

- DE 10042205 A 20000828
- EP 0109130 W 20010807

Abstract (en)

[origin: WO0218683A1] The invention relates to a device, such as a carding machine, for processing fibres. Said device comprises a cylinder having a lining, and at least two carding segments which are at least arranged one after the other in the direction of rotation on a region of the cylinder circumference. Said carding segments are respectively provided with a toothed lining. The aim of the invention is to improve the efficiency of one such device especially in terms of fibre parallelisation. In order to achieve this, the toothed linings of the carding segments are designed differently. The toothed lining of the upstream carding segment in the direction of rotation has the same or a greater meshing capacity on an individual fibre entrained on the circumference of the cylinder in comparison with the meshing capacity of the toothed lining of a downstream carding segment in the direction of rotation.

IPC 8 full level

D01G 15/88 (2006.01)

CPC (source: EP US)

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Citation (opposition)

Opponent :

- EP 0388791 A1 19900926 - RIETER AG MASCHF [CH]
- CH 521454 A 19720415 - GRAF & CO AG [CH]
- CH 662824 A5 19871030 - GRAF & CO AG

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