

Title (en)
Transfer factor

Title (de)
Übertragungsfaktor

Title (fr)
Facteur de transfert

Publication
EP 1167591 A1 20020102 (DE)

Application
EP 01114443 A 20010615

Priority
CH 12442000 A 20000623

Abstract (en)
The carding machine, with a drum and a doffer, has a controlled system to affect the transfer factor i.e. the portion of the fiber mass at the drum clothing which is to be transferred to the doffer on each full drum rotation.. The transfer factor at a carding machine, and the like, is affected by action on the clothing of the drum and/or the doffer, as described in EP403989. The controlled system has one or more actuators. They are activated for at least one operating parameter e.g. the rotary speed of the licker-in; the drum rotary speed; the rotary speed of the doffer; the ratio between the drum and doffer rotary speeds; the gap between the drum and the licker-in and doffer; the position and setting of the fiber/air guides; the position and profile of the lower curved shrouding in relation to the lower section of the drum; the settings in the following carding zone and especially the covering profile and/or the carding elementals in the card production; or the gap between the feed roller and the licker-in. The controlled system to affect the transfer factor can be activated while the carding machine is in operation.

Abstract (de)
Die vorliegende Erfindung befasst sich mit einem Verfahren und einer Vorrichtung an einer Karde oder Krempel, bei welcher ein steuerbares Mittel (20,21,22) vorhanden ist, welche den Übertragungsfaktor der Karde beeinflussen kann. Der Übertragungsfaktor gibt an, wieviel Prozent der auf dem Tambour (5) befindlichen Fasermasse bei jeder Umdrehung des Tambours auf den Abnehmer (23) übertragen wird. <IMAGE>

IPC 1-7
D01G 31/00

IPC 8 full level
D01G 31/00 (2006.01)

CPC (source: EP US)
D01G 31/006 (2013.01 - EP US)

Citation (search report)
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• [A] WO 9950486 A1 19991007 - RIETER AG MASCHF [CH], et al
• [A] DE 8607052 U1 19990304 - TRUETZSCHLER GMBH & CO KG [DE]
• [A] EP 0311831 A1 19890419 - RIETER AG MASCHF [CH]

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WO2019219352A1; CH714322A1; WO2021078485A1

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DE GR IT TR

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