

Title (en)

Production method of a carding band and carding machine therefor

Title (de)

Verfahren zur Produktion eines Kardenbandes und Kardiermaschine dazu

Title (fr)

Procédé pour la production d'une bande de cardage et machine de cardage correspondante

Publication

**EP 0787841 A1 19970806 (DE)**

Application

**EP 96101466 A 19960202**

Priority

EP 96101466 A 19960202

Abstract (en)

Method for producing a card sliver using a carding machine comprises: (i) periodically resetting the working elements to compensate for wear; (ii) resetting by means program controlled actuator system(16); (iii) providing control data to initiate the resetting on the basis of wear characteristics of the machine production. Preferably the wear characteristics also dependent on the material being processed. The resetting and the method also includes initiating the measuring of production of card sliver as a function of delivery speed and sliver count, the resetting involves setting points moving radially to the card and carried out in steps with each setting point on one card side moving over the same path and is achieved by adjusting the flexible bend at several points.

Abstract (de)

Der Flexibelbogen (12) einer Karde (1) wird automatisch mittels einer steuerbaren Aktorik (17) von der Maschinensteuerung (54) anhand einer Abnutzungscharakteristik eingestellt. Diese Charakteristik stellt die Abnutzung als eine Funktion der Produktion eines gegebenen Materials dar.  
<IMAGE>

IPC 1-7

**D01G 15/28**

IPC 8 full level

**D01G 15/28** (2006.01)

CPC (source: EP)

**D01G 15/28** (2013.01)

Citation (search report)

- [YDA] DE 4235610 A1 19940428 - TRUETZSCHLER GMBH & CO KG [DE]
- [YA] DE 4115960 A1 19921119 - SPINNBAU GMBH [DE]
- [AD] EP 0627508 A1 19941207 - RIETER AG MASCHF [CH]
- [A] WO 9533875 A1 19951214 - CARDING SPEC CANADA [CA], et al
- [A] DE 229595 C
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 575 (C - 667) 19 December 1989 (1989-12-19)

Cited by

CN101984160A; CN108149346A; US6129614A; FR2757185A1; GB2320260B; EP1231303A1; DE10106315A1; US6101680A; DE10053139A1; DE10053139B4; EP1215312A1; EP2392703A1; CH703250A1; US6431969B1; US6408488B1; DE102009000630A1; DE102017123952A1; WO2007038891A1; WO2011150527A3

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