

Title (en)

PROCESS FOR OPTIMIZING YARN QUALITY.

Title (de)

VERFAHREN ZUR OPTIMIERUNG DER FASERQUALITÄT.

Title (fr)

PROCEDE POUR L'OPTIMISATION DE LA QUALITE DES FIBRES.

Publication

EP 0479983 B1 19950111 (DE)

Application

EP 91907547 A 19910423

Priority

- CH 9100096 W 19910423
- CH 139390 A 19900425

Abstract (en)

[origin: WO9116480A1] This process is used to optimize yarn quality and maintain it constant in the automatic mixing of bales of different quality. Bales of different quality (1a, ...1b, ...1n) are placed in the transport path (3) of the transfer element (4) of a yarn-transfer device (2) and a yarn sample is taken automatically from each bale (1k) processed by the yarn-removal element (4) and the sample automatically analysed in a measurement and control unit (5). The measured values obtained in this way are continuously compared by a programme in the measurement and control unit (5) with reference values, and the comparative monitoring carried out in this way is used to maintain the mixture parameters constant by controlling the yarn-removal device (2) to remove appropriate amounts of yarn from the various bales of different quality (1a, ...1k, ...1n).

IPC 1-7

D01G 13/00; **D01G 37/00**

IPC 8 full level

D01G 13/00 (2006.01); **D01G 37/00** (2006.01); **D01G 99/00** (2010.01)

CPC (source: EP US)

D01G 13/00 (2013.01 - EP US); **D01G 99/00** (2013.01 - EP US)

Designated contracting state (EPC)

BE CH DE FR GB LI

DOCDB simple family (publication)

WO 9116480 A1 19911031; CH 681228 A5 19930215; DE 59104227 D1 19950223; EP 0479983 A1 19920415; EP 0479983 B1 19950111; JP 2961116 B2 19991012; JP H04506842 A 19921126; US 5210909 A 19930518

DOCDB simple family (application)

CH 9100096 W 19910423; CH 139390 A 19900425; DE 59104227 T 19910423; EP 91907547 A 19910423; JP 50672191 A 19910423; US 78442091 A 19911220