

Title (en)  
Method for mixing textile fibres

Title (de)  
Verfahren zum Mischen von Textilfasern

Title (fr)  
Procédé de mélange de fibres textiles

Publication  
**EP 0402940 B1 19970305 (DE)**

Application  
**EP 90111350 A 19900615**

Priority  
DE 3919746 A 19890616

Abstract (en)  
[origin: EP0402940A2] A method for mixing textile fibres, in which fibres of different types are stripped from fibre bales of different origins and mixed, is characterised in that: I at least the following particulars are entered in a computer: a) the properties of the fibres of the individual components, and b) the desired properties of the card slither or yarn produced from the fibre mixture; II the computer calculates from these parameters, according to a predetermined computing algorithm, a component division which, with a minimised deviation from the desired card slither or the yarn properties, satisfies these at least approximately, and, where appropriate, executes a correction of the calculated component division, taking into account any boundary conditions or special requirements likewise entered in the computer, and calculates a corrected component division, III the component division or corrected component division determined by the computer is utilised in order to set or regulate the feed of the individual components at the mixer, in order to obtain the calculated and, if appropriate, corrected component division in the fibre mixture delivered by the mixer. <IMAGE>

IPC 1-7  
**D01G 13/00**; **D01G 21/00**

IPC 8 full level  
**D01G 13/00** (2006.01); **D01G 21/00** (2006.01)

CPC (source: EP KR US)  
**D01G 13/00** (2013.01 - EP KR US)

Cited by  
US5509179A; EP3235933A1

Designated contracting state (EPC)  
CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**EP 0402940 A2 19901219**; **EP 0402940 A3 19920108**; **EP 0402940 B1 19970305**; AU 5700890 A 19901220; CA 2019068 A1 19901216; CN 1049691 A 19910306; CS 300490 A2 19911112; DD 297463 A5 19920109; DE 3919746 A1 19901220; DE 59010657 D1 19970410; IE 902176 A1 19910102; IE 902176 L 19901216; JP H03213523 A 19910918; KR 910001110 A 19910130; US 5282141 A 19940125; ZA 904656 B 19910529

DOCDB simple family (application)  
**EP 90111350 A 19900615**; AU 5700890 A 19900613; CA 2019068 A 19900615; CN 90103175 A 19900615; CS 300490 A 19900615; DD 34167590 A 19900614; DE 3919746 A 19890616; DE 59010657 T 19900615; IE 217690 A 19900615; JP 15559090 A 19900615; KR 900008968 A 19900616; US 53620690 A 19900611; ZA 904656 A 19900615