

Title (en)

Method and device for clearing yarn by cutting out defects

Title (de)

Verfahren und Vorrichtung zur Garnreinigung durch Herausschneiden von Fehlstellen

Title (fr)

Procédé et dispositif pour l'épuration de fil textile par découpage des défauts

Publication

**EP 1238937 B1 20040818 (DE)**

Application

**EP 01104536 A 20010305**

Priority

EP 01104536 A 20010305

Abstract (en)

[origin: EP1238937A1] In a process to remove spinning faults from textile yarn (1) the faults are detected by a sensor and cut out, the good ends being spliced. When a sequence of faults occurs, the initial sequence of faulty material is not immediately cut out, but accumulated and then cut out in a single length. Also claimed is commensurate a yarn-cleaning assembly with a sensor head (8), a cutting and splice unit (7) with a control unit (6). The process has several yarn-cleaning stations. At a first cleaning station the faulty yarn section is removed at once. At a second cleaning station the faulty yarn is not immediately removed. If a cluster of faults is detected, operation of the two stations is synchronised to form a single operation. The system activates the cutting operation using the number of faults detected per unit length of yarn.

IPC 1-7

**B65H 63/06**

IPC 8 full level

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CPC (source: EP)

**B65H 63/06** (2013.01); **B65H 2701/31** (2013.01)

Cited by

DE102012100553A1; DE102012103344A1; DE102012100553A8; DE102004013776A1; CN103569796A; EP2774883A1; EP2690046A3; DE102004013776B4; WO2008151454A1; WO2013110390A1

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