

Title (en)

Method and device for avoiding mass fluctuations of fibre material

Title (de)

Verfahren und Vorrichtung zur Vermeidung von Masseschwankungen in Fasermaterial

Title (fr)

Méthode et dispositif pour éviter des fluctuations de masse d'un matériau fibreux

Publication

EP 0754788 B1 20020925 (DE)

Application

EP 96111012 A 19960709

Priority

CH 212795 A 19950719

Abstract (en)

[origin: EP0754788A1] The effects of mass variations in the sliver (1) supplied to an open end spinner on the yarn (3) produced by the rotor (10) are reduced by measuring the mass variations near the rotor and controlling the associated drives. Also claimed is the appts. used in the above process. Pref. a sensor in the sliver inlet guide (5) provides a mass flow signal to a line (16) leading to an evaluation unit (24) which contains a computer or microprocessor and controls a servomotor (22) drive to the feed roller (6). The beater (7), rotor (10) and take-off roller (12) have their own common drive (13) with a control link (17) to the evaluation unit (24).

IPC 1-7

D01H 5/38; **D01G 23/06**

IPC 8 full level

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CPC (source: EP US)

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EP 0754788 A1 19970122; **EP 0754788 B1 20020925**; CN 1082104 C 20020403; CN 1146505 A 19970402; DE 59609712 D1 20021031; JP H0931774 A 19970204; TR 199600596 A2 19970221; US 5775085 A 19980707

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