Title (en)

METHOD AND APPARATUS FOR PRODUCING MEASURING VALUES CORRESPONDING TO THE LINEAR DENSITY OF FIBRE SLIVERS

Publication

EP 0007374 B1 19831026 (EN)

Application

EP 78900227 A 19790716

Priority

CH 1586677 A 19771222

Abstract (en)

[origin: GB2036102A] The inventive method is used for producing of measuring values depending on the linear density of a fibre sliver transported through a measuring funnel. A measuring signal transmitted from the measuring funnel (2) is transformed into a proportional electric voltage signal and is continually integrated. The inventive apparatus comprises the so-called measuring funnel connected pneumatically with a pneumatic/electric transducer (4). The transducer transmits its signal to an integration circuit arrangement (6). A control logic device (13) on one hand cooperates with a gear (11) of a gear arrangement (10) of a spinning preparatory machine and on the other hand is connected with the integrating circuit arrangement. A proximity initiator (12) transmits an impulse to the control logic arrangement at each passage of a tooth. The integrating circuit supplies measuring values suitable as a control signal for spinning preparatory machines, which signal is independent of the speed of the fibre sliver.

IPC 1-7

B65H 63/06; D01H 5/38

IPC 8 full level

D01G 23/06 (2006.01); **D01H 5/38** (2006.01); **B65H 63/06** (2006.01)

CPC (source: EP)

D01G 23/06 (2013.01)

Cited by

EP0391368A1

Designated contracting state (EPC)

FR

DOCDB simple family (publication)

GB 2036102 A 19800625; **GB 2036102 B 19821103**; AR 225607 A1 19820415; BE 873050 A 19790622; CH 629546 A5 19820430; EP 0007374 A1 19800206; EP 0007374 B1 19831026; ES 476695 A1 19791116; IT 1100258 B 19850928; IT 7829707 A0 19781113; JP S55500021 A 19800124; NL 7810843 A 19790626; WO 7900420 A1 19790712

DOCDB simple family (application)

GB 7920977 A 19781017; AR 27479378 A 19781213; BE 192547 A 19781222; CH 1586677 A 19771222; EP 7800020 W 19781017; EP 78900227 A 19790716; ES 476695 A 19781215; IT 2970778 A 19781113; JP 50006378 A 19781017; NL 7810843 A 19781031