

Title (en)

METHOD AND DEVICE FOR REGULATING THE UNEVENNESS OF A SLIVER

Publication

EP 0038927 B1 19840404 (DE)

Application

EP 81101903 A 19810314

Priority

CH 245980 A 19800328

Abstract (en)

[origin: ES8301507A1] An autolevelling drawframe for levelling out staple fibre slivers in the spinning mill operation, in which deviations of the sliver weight (linear density) from the preset desired value detected are processed into correcting signals and are transmitted to a correcting member, which adapts the input speed of the drafting arrangement. The correcting signal transmitted is generated from the product of a voltage proportional to the rotational speed of the main motor and a voltage determined by the deviation in linear density. The apparatus consists of a computer (34,41 60,41 67,71) for computing the correcting signal, which computer is connected electrically with the correcting member (48), with a transducer (20) transmitting the voltage proportional to the rotational speed of the main motor, and with means for generating the voltage determined by the deviation in linear density. The computer can consist of a control device (36) and a multiplier (41) or of a microprocessor (71) (digital computer).

IPC 1-7

D01H 5/42

IPC 8 full level

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CPC (source: EP US)

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Cited by

US5428870A; EP0176661A3; US5412301A; EP0615181A1; WO9318213A1; EP1009870B2

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