Title (en)

Procedure for a drafting unit, in particular in carding machines, and regulating device

Title (de)

Verfahren zum Regulieren eines Streckwerkes, insbesondere an Karden, und Reguliervorrichtung

Title (fr)

Procédé pour réguler un système d'étirage, en particulier sur une machine de cardage, et dispositif pour réguler

Publication

EP 0692560 B1 20000503 (DE)

Application

EP 95110618 A 19950707

Priority

DE 4424091 A 19940712

Abstract (en)

[origin: EP0692560A1] A drafting system, esp. on a card, compares measurements at the input (3) with a set value and uses the difference to control a motor (52) driving the output rollers (5). The set values are located at an address in a set value register (6321). The base speed is derived from the doffer (631) speed and is fed as a base voltage signal to the motor (52). One of the drafting system rollers provides a low frequency timing impulse so that at every impulse a measurement is taken, converted to a digital signal and compared with a set value. The difference is calculated and used to locate an address in a correction register (613). The correction value is read and fed to the motor controller (53). <IMAGE>

IPC 1-7

D01H 5/42

IPC 8 full level

D01H 5/42 (2006.01)

CPC (source: EP US)

D01H 5/42 (2013.01 - EP US)

Cited by

CN111676555A; JP2008202211A; WO03085179A3

Designated contracting state (EPC)

CH GB IT LI

DOCDB simple family (publication)

EP 0692560 A1 19960117; **EP 0692560 B1 20000503**; DE 4424091 A1 19960118; US 5815889 A 19981006; WO 9601917 A1 19960125

DOCDB simple family (application)

EP 95110618 A 19950707; DE 4424091 A 19940712; DE 9500882 W 19950710; US 76552397 A 19970110