

Title (en)

Method and device for operating an open-end spinning machine

Title (de)

Verfahren und Vorrichtung zum Betreiben einer Offenend-Rotorspinnvorrichtung

Title (fr)

Procédé et dispositif pour actionner un métier à filer à bout ouvert

Publication

EP 1612308 B1 20081001 (DE)

Application

EP 05011280 A 20050525

Priority

DE 102004029020 A 20040616

Abstract (en)

[origin: EP1612308A2] Operating an open-end rotor spinning unit (1) involves biasing and rotating a spinning rotor (3) by an airflow; monitoring electric quantities that develop during generator operation of a motor drive (18); generating a signal upon monitored quantity exceeding a threshold value which can only be attained when a cover element (8) is properly closed; and processing signal in a control unit (30) so as to cause cover element on a rotor housing to be locked in closed position. The method further involves connecting the drive to its energy supply to rotate the rotor. The motor drive is a DC motor. An independent claim is included for an open-end rotor spinning apparatus.

IPC 8 full level

D01H 4/42 (2006.01); **D01H 4/00** (2006.01); **D01H 4/08** (2006.01); **D01H 4/12** (2006.01); **D01H 4/14** (2006.01); **D01H 13/14** (2006.01); **D01H 13/20** (2006.01)

CPC (source: EP US)

D01H 4/08 (2013.01 - EP US); **D01H 4/14** (2013.01 - EP US); **D01H 4/42** (2013.01 - EP US); **D01H 13/20** (2013.01 - EP US)

Cited by

CZ306963B6; DE102009032716A1; EP1820888A3; DE102009032714A1; EP3184679A1; EP3118356A1; CN106350908A; US10443158B2; WO2009059704A1; EP2565306A2; DE102011112364A1; EP3118356B1

Designated contracting state (EPC)

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EP 1612308 A2 20060104; **EP 1612308 A3 20060705**; **EP 1612308 B1 20081001**; CN 1712585 A 20051228; CN 1712585 B 20100505; DE 102004029020 A1 20051229; DE 502005005505 D1 20081113; US 2005279076 A1 20051222; US 7111446 B2 20060926

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