

Title (en)

Method for operating a rotary braiding machine and rotary braiding machine

Title (de)

Verfahren zum Betreiben einer Rotorflechtmaschine und Rotorflechtmaschine

Title (fr)

Procédé pour faire fonctionner une machine à tresser rotative et machine à tresser rotative

Publication

EP 1138812 B1 20070214 (DE)

Application

EP 01107133 A 20010322

Priority

DE 10015996 A 20000331

Abstract (en)

[origin: EP1138812A2] The temperature of the bobbin track (3) of a braiding machine is measured continuously and the supply of lubricant is metered accordingly. The quantity of lubricant is kept to the minimum that keeps track wear within prescribed limits. An Independent claim is also included for a braiding machine fitted with a track temperature sensor (41) and other sensors, e.g. in the drive motor, the cooling fan motor, that are linked to a central computer. The computer provides a signal to control the rate of lubricant supply. Preferred Features: Each lubrication point (16) is fitted with a metering unit (24) connected to a central lubricant pump. The temperature sensor (41) can be resistance thermometer connected through carbon brushes and slip rings to the rotating track. Alternatively an electronic sensor can be connected by radio transmission.

IPC 8 full level

D04C 3/48 (2006.01); **F16N 29/02** (2006.01)

CPC (source: EP US)

D04C 3/42 (2013.01 - EP); **D04C 3/48** (2013.01 - EP US)

Citation (examination)

US 5067454 A 19911126 - WADDINGTON CLIVE [US], et al

Cited by

CN103761187A; CN100447324C; WO03064747A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1138812 A2 20011004; **EP 1138812 A3 20020417**; **EP 1138812 B1 20070214**; DE 10015996 A1 20020124; DE 10015996 C2 20021107; DE 50112017 D1 20070329; US 2002046641 A1 20020425; US 6510775 B2 20030128

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