

Title (en)

Spinning machine with individual spindle drive

Title (de)

Spinnmaschine mit Einzelspindeltrieb

Title (fr)

Machine de filature avec entraînements de broche individuels

Publication

**EP 2110470 B1 20130313 (DE)**

Application

**EP 09003709 A 20090314**

Priority

CH 5852008 A 20080415

Abstract (en)

[origin: EP2110470A2] The spinning or doubling frame has a single spindle drive, and multiple spindle drive electronic units of a section and a section electronic unit (3), which are arranged on a common printed circuit board. The spindle drive electronic units are connected with the section electronic unit over data lines in the form of conductive strips (34). The section electronic unit is connected over a connecting interface (35) and a data line (33) with a machine control unit. The spindle drive electronic unit is connected with a spindle drive over connecting interface and feeders.

IPC 8 full level

**D01H 1/20** (2006.01); **D01H 1/244** (2006.01); **D01H 1/32** (2006.01)

CPC (source: EP)

**D01H 1/20** (2013.01); **D01H 1/244** (2013.01); **D01H 1/32** (2013.01)

Cited by

CN105448167A; US2021054542A1; US11655565B2; EP3118356A1; CH714081A1; US10443158B2; EP3527703A1; CN110158214A; CH714658A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2110470 A2 20091021; EP 2110470 A3 20120125; EP 2110470 B1 20130313**; CN 101560709 A 20091021; CN 101560709 B 20120725; JP 2009256869 A 20091105

DOCDB simple family (application)

**EP 09003709 A 20090314**; CN 200910135017 A 20090415; JP 2009096659 A 20090413