

Title (en)
CORE YARN SUPPLYING UNIT AND SPINNING MACHINE

Title (de)
CORE-GARNZUFUHRREINHEIT UND SPINNMASCHINE

Title (fr)
UNITÉ D'ALIMENTATION EN FIL À ÂME ET MÉTIER À FILER

Publication
EP 2966202 A3 20160127 (EN)

Application
EP 15164088 A 20150417

Priority
• JP 2014122199 A 20140613
• JP 2014159347 A 20140805

Abstract (en)
[origin: EP2966202A2] A core yarn supplying unit (50) includes a tension applying section (60); a slack applying section (70); a core yarn feeding section (90); a relay board (84) electrically connected to each of the tension applying section (60), the slack applying section (70), and the core yarn feeding section (90); and a unit base (51) adapted to support the tension applying section (60), the slack applying section (70), and the core yarn feeding section (90), as well as the relay board (84).

IPC 8 full level
D01H 13/04 (2006.01); **D02G 3/36** (2006.01)

CPC (source: EP)
B65H 51/16 (2013.01); **B65H 51/20** (2013.01); **B65H 59/34** (2013.01); **D01H 13/104** (2013.01); **D02G 3/367** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
• [X] GB 2158107 A 19851106 - MEMMINGER GUSTAV
• [XD] JP 2012131591 A 20120712 - MURATA MACHINERY LTD
• [X] US 2002139102 A1 20021003 - KAWABATA HIRAYUKI [JP]
• [X] JP 2006328554 A 20061207 - MURATA MACHINERY LTD

Cited by
EP3040458A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2966202 A2 20160113; EP 2966202 A3 20160127; EP 2966202 B1 20170628; CN 105177787 A 20151223; CN 105177787 B 20190322

DOCDB simple family (application)
EP 15164088 A 20150417; CN 201510295336 A 20150602