

Title (en)
Textile machine and information transmission system for textile machine

Title (de)
Textilmaschine und Informationsübertragungssystem für Textilmaschinen

Title (fr)
Machine textile et système de transmission d'informations pour machine textile

Publication
EP 2562114 A3 20140903 (EN)

Application
EP 12180992 A 20120820

Priority
JP 2011183057 A 20110824

Abstract (en)
[origin: EP2562114A2] An automatic winder (1) includes an AC-DC converter board (62), on which an electric circuit is formed by mounting electronic components, sensors (62a, 62c, and 62c) that detect a temperature, a voltage, and an electric current which are loads on the AC-DC converter board (62), and an information storing section (61a) that accumulates and stores therein the temperature values, voltage values, and electric current values detected at different points in time as load log information.

IPC 8 full level
B65H 63/00 (2006.01); **D01H 13/14** (2006.01); **G05B 19/05** (2006.01); **G07C 3/00** (2006.01)

CPC (source: EP)
B65H 63/00 (2013.01); **D01H 13/14** (2013.01); **B65H 2701/31** (2013.01); **G07C 3/005** (2013.01)

Citation (search report)

- [Y] US 5515266 A 19960507 - MEYER URS [CH]
- [Y] WO 2010066573 A1 20100617 - BOSCH GMBH ROBERT [DE], et al
- [Y] US 5900553 A 19990504 - HASEGAWA KATSUMI [JP]
- [Y] US 5867809 A 19990202 - SOGA TASAO [JP], et al
- [Y] WO 2009123474 A2 20091008 - SAFE INNOVATIONS AS [NO], et al
- [Y] JP H1093010 A 19980410 - KONAMI CO LTD
- [Y] JP 2003319547 A 20031107 - NEC CORP
- [A] JP H10194591 A 19980728 - MURATA MACHINERY LTD

Cited by
DE102014016785A1; DE102014015382A1; EP3023376A1; ITUB20154999A1; CN114075704A; CN110540108A; US11078605B2; CN105523440A; DE102014205615B4; CN110579993A; US2021054542A1; CN112410953A; US11655565B2; WO2017072683A1; WO2016074767A1; EP3967797A1; DE102020123977A1

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 2562114 A2 20130227; EP 2562114 A3 20140903; CN 102951493 A 20130306; CN 202953610 U 20130529; JP 2013044066 A 20130304

DOCDB simple family (application)
EP 12180992 A 20120820; CN 201210112441 A 20120417; CN 201220163607 U 20120417; JP 2011183057 A 20110824