

Title (en)

Method of supporting textile machinery and supporting apparatus

Title (de)

Verfahren und Vorrichtung zum Unterstützen von Textilmaschinen

Title (fr)

Procédé et dispositif de support de machines textiles

Publication

EP 1600541 A3 20100331 (EN)

Application

EP 05006785 A 20050329

Priority

JP 2004153929 A 20040524

Abstract (en)

[origin: EP1600541A2] A method of supporting textile machinery comprises: a storing step (ST003) for storing yarn troubles occurring in the textile machinery (10) and times of occurrence of the yarn troubles as storage information; an analyzing step (ST104, ST105) for selecting one of plural trouble occurrence patterns different in time sequence of the yarn troubles on the basis of the storage information through an information terminal in a loom in an operation for specifying the causes of yarn troubles and making the selected trouble occurrence patterns answers; a managing information extracting step (ST108) for extracting managing information from a database where plural pieces of managing information concerning yarn troubles are pre-accumulated so as to be extracted on the basis of the answers and in correspondence to the answers; and a managing information indicating step (ST110) for indicating the managing information in the information terminal (14).

IPC 8 full level

D03D 51/00 (2006.01); **D03J 1/00** (2006.01)

CPC (source: EP KR)

B65D 25/2885 (2013.01 - KR); **B65F 1/0053** (2013.01 - KR); **B65F 1/085** (2013.01 - KR); **B65F 1/1473** (2013.01 - KR); **B65F 1/1646** (2013.01 - KR); **D03D 51/007** (2013.01 - EP); **D03J 1/005** (2013.01 - EP); **D03J 1/006** (2013.01 - EP)

Citation (search report)

- [A] EP 0461078 A2 19911211 - TOYODA AUTOMATIC LOOM WORKS [JP]
- [A] EP 1416076 A1 20040506 - PROMATECH SPA [IT]
- [A] US 4835699 A 19890530 - MALLARD JERRY F [US]
- [A] EP 0518810 A1 19921216 - SULZER AG [CH]

Cited by

EP1717361A3; EP2045382A3; CN108717282A; DE102012104096A1; WO2013167380A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1600541 A2 20051130; **EP 1600541 A3 20100331**; **EP 1600541 B1 20110810**; CN 1702213 A 20051130; CN 1702213 B 20101201; JP 2005336629 A 20051208; JP 4646191 B2 20110309; KR 20060041914 A 20060512

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EP 05006785 A 20050329; CN 200510064992 A 20050413; JP 2004153929 A 20040524; KR 20050011921 A 20050214