

Title (en)

MAINTENANCE ORDER ADJUSTMENT SYSTEM AND METHOD FOR TEXTILE MACHINERY TECHNICAL FIELD

Title (de)

WARTUNGSREIHENFOLGEEINSTELLSYSTEM UND METHODE FÜR DAS TECHNISCHE GEBIET VON TEXTILMASCHINEN

Title (fr)

SYSTÈME ET MÉTHODE DE RÉGLAGE D'ORDRE DE MAINTENANCE POUR MACHINES TEXTILES

Publication

EP 3312122 B1 20190417 (EN)

Application

EP 17197182 A 20171018

Priority

JP 2016205824 A 20161020

Abstract (en)

[origin: EP3312122A1] A maintenance order adjustment system (1) for textile machinery includes: one or more first textile machines (2, 2A, 2B, 2C) each configured to perform a first process on a first fiber assembly, a plurality of second textile machines (3, 3A, 3B, 3C) each configured to be supplied with a second fiber assembly (B) subjected to the first process by the first textile machine (2, 2A, 2B, 2C) and perform a second process on the supplied second fiber assembly (B) to generate a third fiber assembly (P) ; an operation information acquisition unit (52a) configured to acquire operation information representing an operation state of the first textile machine (2, 2A, 2B, 2C) ; an order setting unit (52c) configured to determine a maintenance order in performing maintenance on the second textile machines (3, 3A, 3B, 3C) based on a preset order and adjust the determined maintenance order based on the operation information acquired by the operation information acquisition unit (52a); and a presentation unit (51) configured to present the maintenance order adjusted by the order setting unit (52c).

IPC 8 full level

B65H 63/00 (2006.01); **B65H 67/06** (2006.01); **D01H 13/14** (2006.01); **D01H 13/32** (2006.01)

CPC (source: CN EP)

B65H 54/70 (2013.01 - CN); **B65H 63/00** (2013.01 - EP); **B65H 67/06** (2013.01 - EP); **D01H 13/14** (2013.01 - EP); **D01H 13/32** (2013.01 - EP); **B65H 2701/31** (2013.01 - CN EP)

Citation (opposition)

Opponent : Maschinenfabrik Rieter AG

- JP H01183530 A 19890721 - MURATA MACHINERY LTD
- EP 1006069 A2 20000607 - SCHLAFHORST & CO W [DE]
- DE 4012930 A1 19911031 - RIETER AG MASCHF [CH]
- WO 2016016739 A1 20160204 - MARZOLI MACHINES TEXTILE SRL [IT]
- CHANG ET AL.: "Maintenance Opportunity Planning System", JOURNAL OF MANUFACTURING SCIENCE AND ENGINEERING, vol. 129, June 2007 (2007-06-01), pages 681 - 668, XP055671989
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