

Title (en)
YARN PROCESSING FACILITY

Title (de)
GARNVERARBEITUNGSANLAGE

Title (fr)
INSTALLATION DE TRAITEMENT DE FIL

Publication
EP 4137430 A1 20230222 (EN)

Application
EP 22186945 A 20220726

Priority
JP 2021135112 A 20210820

Abstract (en)
An object of the present invention is to solve a problem occurring when a yarn supply package from which a yarn is unwound is suddenly replaced with a new yarn supply package. An information management unit 110 of a yarn processing facility 100 is configured to acquire at least one of the following sets of information by means of a calculation at a desired reference time point: remaining amount information regarding a remaining amount of a yarn Y in one of yarn supply packages Ps, the yarn Y being unwound from the one of the yarn supply packages Ps; and remaining time information regarding a remaining time in which the yarn Y can be supplied from the one of the yarn supply packages Ps at the reference time point. When sudden replacement information indicating execution of sudden replacement in which unwinding of a yarn Y from one of the yarn supply packages Ps has started and has not ended yet and the one of the yarn supply packages Ps is replaced with another of the yarn supply packages Ps is acquired, the information management unit 110 performs a reset process of resetting the at least one of the remaining amount information and the remaining time information to a predetermined initial value.

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
• JP 2003526584 A 20030909
• JP 5873105 B2 20160301
• JP H06212521 A 19940802 - MURATA MACHINERY LTD
• JP 2002088605 A 20020327 - AIKI SEISAKUSHO KK

Citation (search report)
• [A] EP 3771677 A1 20210203 - TMT MACHINERY INC [JP]
• [A] US 2019177108 A1 20190613 - CHARLES EATON DAVID [GB], et al

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)
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KH MA MD TN

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