

Title (en)
YARN PROCESSING FACILITY

Title (de)
GARNVERARBEITUNGSANLAGE

Title (fr)
INSTALLATION DE TRAITEMENT DE FIL

Publication
EP 4032841 A1 20220727 (EN)

Application
EP 22150927 A 20220111

Priority
• JP 2021014364 A 20210201
• JP 2021010281 A 20210126

Abstract (en)
Acquisition of various sets of useful information is achieved in a yarn processing facility that is capable of uninterruptedly supplying a yarn. A yarn processing facility 100 includes an information management unit 110 which is configured to be able to manage information. The information management unit 110 is capable of acquiring, for each yarn supply package Ps, unwinding start time information regarding an unwinding start time at which unwinding of a yarn Y from the yarn supply package Ps starts at the yarn supplying unit 2. The information management unit 110 is capable of acquiring wound package individual information of a wound package Pw formed by winding a yarn Y onto a winding bobbin Bw attached to the winding unit 4 and replacement time information regarding a replacement time at which replacement of the winding bobbin Bw is performed at the winding unit 4, in association with each wound package Pw.

IPC 8 full level
B65H 49/12 (2006.01); **B65H 63/00** (2006.01); **B65H 63/08** (2006.01); **B65H 67/02** (2006.01)

CPC (source: CN EP)
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Citation (applicant)
• WO 2020127489 A1 20200625 - OERLIKON TEXTILE GMBH & CO KG [DE]
• JP 5873105 B2 20160301
• JP H06212521 A 19940802 - MURATA MACHINERY LTD
• JP 2002088605 A 20020327 - AIKI SEISAKUSHO KK

Citation (search report)
• [X] US 2001037545 A1 20011108 - STUTTEM MANFRED [DE]
• [XD] WO 2020127489 A1 20200625 - OERLIKON TEXTILE GMBH & CO KG [DE]

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

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EP 4032841 A1 20220727; CN 114789938 A 20220726; TW 202233917 A 20220901

DOCDB simple family (application)
EP 22150927 A 20220111; CN 202210014890 A 20220107; TW 111101447 A 20220113