

Title (en)

YARN JOINING PROCESSING DEVICE AND YARN FEEDING DEVICE

Title (de)

GARNVERBINDUNGSVERARBEITUNGSVORRICHTUNG UND GARNZUFÜHRVORRICHTUNG

Title (fr)

DISPOSITIF DE TRAITEMENT DE RACCORDEMENT DE FILS ET DISPOSITIF D'ALIMENTATION DE FILS

Publication

EP 4079670 A1 20221026 (EN)

Application

EP 22167871 A 20220412

Priority

JP 2021069790 A 20210416

Abstract (en)

A yarn joining processing device 9A controls a suction nozzle 614 and an arm portion 612 to perform a yarn hooking process including at least one of a first yarn hooking operation of holding a first yarn end Y1 by the suction nozzle 614 and locking a yarn Y of a first yarn feeding package P11 to a clip 29 by an arm portion 612 before a first setting operation of setting the first yarn end Y1 of the first yarn feeding package P11 to a yarn joining processing mechanism 64 and a second yarn hooking operation of holding a second yarn end Y2 by the suction nozzle 614 and locking a yarn Y of a second yarn feeding package P12 to the clip 29 by the arm portion 612 before a second setting operation of setting the second yarn end Y2 of the second yarn feeding package P12 to the yarn joining processing mechanism 64.

IPC 8 full level

B65H 49/12 (2006.01); **B65H 69/06** (2006.01)

CPC (source: CN EP)

B65H 49/12 (2013.01 - EP); **B65H 69/06** (2013.01 - EP); **D01H 13/04** (2013.01 - CN); **D01H 15/00** (2013.01 - CN); **D02G 1/02** (2013.01 - CN); **B65H 2701/313** (2013.01 - EP)

Citation (applicant)

JP H0768010 A 19950314 - SOPHIA CO LTD

Citation (search report)

- [X] EP 3771674 A1 20210203 - TMT MACHINERY INC [JP]
- [A] EP 0421362 B1 19960103 - TSUDAKOMA IND CO LTD [JP]

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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