

Title (en)  
YARN FEEDING DEVICE

Title (de)  
FADENFÜHRERVORRICHTUNG

Title (fr)  
DISPOSITIF GUIDE FILS

Publication  
**EP 3636814 A2 20200415 (EN)**

Application  
**EP 19202855 A 20191011**

Priority  
JP 2018193894 A 20181012

Abstract (en)  
Provided is a yarn feeding device capable of easily performing a necessary operation for a process to change or to mix specification among entraining-type and self-running-type running members such as yarn feeders. Two movement belts 4a, 4b are arranged between adjacent yarn feeder rails 2a, 2b while being divided into upper and lower stages. The upper and lower movement belts 4a, 4b respectively move yarn feeders 3a, 3b that are respectively mounted on trucks 2aF, 2bB of the yarn feeder rails 2a, 2b. Movement driving part driving the movement belts 4a, 4b are mounted on end portions of the yarn feeder rails 2a, 2b, so that no configuration supporting the movement belts 4a, 4b and the movement driving part is required for the yarn feeder rails 2a, 2b. The yarn feeder rails 2a, 2b could be shared by the entraining-type and self-running-type running members. The process for the specification change from the entrainment-running type to the self-running type, the mixing of the entrainment-running type and the self-running type, or the like could therefore be performed without detaching the yarn feeder rails 2a, 2b, thereby reducing the labor.

IPC 8 full level  
**D04B 15/56** (2006.01); **D04B 15/96** (2006.01)

CPC (source: CN EP KR)  
**D04B 15/56** (2013.01 - CN EP KR); **D04B 15/96** (2013.01 - CN EP)

Citation (applicant)  
• JP 2903152 B2 19990607  
• EP 3115491 A1 20170111 - H STOLL GMBH & CO KG [DE]  
• JP S58126351 A 19830727 - SHIMA IDEA CENTER  
• JP 2011106059 A 20110602 - SHIMA SEIKI MFG

Cited by  
CN113417058A

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

DOCDB simple family (publication)  
**EP 3636814 A2 20200415**; **EP 3636814 A3 20200819**; **EP 3636814 B1 20231122**; CN 111041691 A 20200421; CN 111041691 B 20220301; JP 2020059957 A 20200416; JP 7296707 B2 20230623; KR 102291018 B1 20210817; KR 20200041792 A 20200422

DOCDB simple family (application)  
**EP 19202855 A 20191011**; CN 201910965561 A 20191012; JP 2018193894 A 20181012; KR 20190125125 A 20191010