Title (en)

SPUN YARN TAKE-UP SYSTEM AND YARN THREADING ROBOT

Title (de)

AUFNAHMESYSTEM VON GESPONNENEM GARN UND GARNEINFÄDELUNGSROBOTER

Title (fr)

SYSTÈME DE RATTRAPAGE DE FIL FIN ET ROBOT D'ENFILAGE DE FIL

Publication

EP 3312120 B1 20190925 (EN)

Application

EP 17193705 A 20170928

Priority

JP 2016206088 A 20161020

Abstract (en)

[origin: EP3312120A1] An object is to arrange a movable yarn threading robot not to require a long hose for supplying compressed fluid to the yarn threading robot. In a spun yarn take-up system 1 including spun yarn take-up apparatuses 2 lined up in a predetermined direction and a yarn threading robot 3 movable in the predetermined direction and including a suction gun 37, a compressed air supply passage 7 from a compressed air supplier 5 to the suction gun 37 is divided into a system-side compressed air hose 71 extending from the compressed air supplier 5 to the spun yarn take-up apparatuses 2 and a robot-side compressed air hose 72 provided on the yarn threading robot 3, and the system-side compressed air hose 71 and the robot-side compressed air hose 72 are arranged to be attached to and detachable from each other.

IPC 8 full level

B65H 57/00 (2006.01); **B65H 54/70** (2006.01); **B65H 54/88** (2006.01); **B65H 67/048** (2006.01); **D01D 7/00** (2006.01)

CPC (source: CN EP)

B65H 54/702 (2013.01 - EP); **B65H 54/707** (2013.01 - EP); **B65H 54/88** (2013.01 - EP); **B65H 57/003** (2013.01 - EP); **B65H 67/048** (2013.01 - EP); **D01D 7/00** (2013.01 - EP); **D01D 13/02** (2013.01 - CN); B65H 2701/3132 (2013.01 - EP)

Cited by

WO2020058046A1; EP3885626A1; EP4224049A1; EP4224048A1; CN116876090A; CN112672966A; EP3722647A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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