

Title (en)

SPINNING-COP AND TUBE TRANSPORT SYSTEM FOR AN AUTOMATIC WINDING MACHINE

Title (de)

SPINNKOPS- UND HÜLSENTRANSPORTSYSTEM FÜR EINE AUTOMATISCHE SPULMASCHINE

Title (fr)

SYSTÈME DE TRANSPORT DE BOBINES BICONIQUES ET DE TUBES POUR UN BOBINOIR AUTOMATIQUE

Publication

**EP 4313819 A1 20240207 (DE)**

Application

**EP 22711045 A 20220308**

Priority

- DE 102021107062 A 20210322
- EP 2022055831 W 20220308

Abstract (en)

[origin: WO2022200031A1] The invention relates to a spinning-cop and tube transport system (2) for an automatic winding machine (1), comprising at least one redirecting device (13) downstream of the preparation device (11), the redirecting device being operatively connected to a reading device (12) for reading out information applied to the storage medium regarding the spinning bobbin (3) disposed on the storage medium, and the redirecting device redirecting each transport medium (5) onto different transport lines in accordance with the information that has been read out, such that the spinning cops (3) either remain on the supply line (6) and are transported further thereon or are redirected onto a secondary line (16), the secondary line (16) comprising a redirecting region (17), by means of which the spinning cops (3) are redirected onto the storage line (9).

IPC 8 full level

**B65H 67/06** (2006.01); **B65H 67/08** (2006.01)

CPC (source: EP)

**B65H 67/063** (2013.01); **B65H 67/064** (2013.01); **B65H 67/086** (2013.01); **B65H 2701/31** (2013.01)

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)

**DE 102021107062 A1 20220922**; CN 117120357 A 20231124; EP 4313819 A1 20240207; WO 2022200031 A1 20220929

DOCDB simple family (application)

**DE 102021107062 A 20210322**; CN 202280023469 A 20220308; EP 2022055831 W 20220308; EP 22711045 A 20220308