

Title (en)
SPINNING MACHINE

Title (de)
SPINNEREIMASCHINE

Title (fr)
MÉTIER À FILER

Publication
EP 3372713 B1 20230913 (DE)

Application
EP 18160403 A 20180307

Priority
DE 102017105034 A 20170309

Abstract (en)
[origin: US2018258560A1] A spinning-mill machine and associated operational method includes a plurality of cross-winding devices arranged next to each other in a longitudinal direction along each machine side of the spinning-mill machine, wherein each cross-winding device is configured to wind yarn onto a sleeve. The cross-winding devices are arranged into a multiple number of sections along each of the machine sides. A sleeve transport device is arranged along the cross-winding devices on each machine side to supply empty sleeves to cross-winding devices. A plurality of sleeve stacks are configured to stockpile the empty sleeves. A plurality of sleeve storage devices are arranged along each machine side for distributed intermediate storage of the empty sleeves, wherein each cross-winding device is allocated with a single sleeve storage device, or the plurality of the cross-winding devices in each of the sections are allocated to a single one of the sleeve storage devices.

IPC 8 full level
D01H 9/18 (2006.01); **B65H 67/06** (2006.01)

CPC (source: CN EP US)
B65H 54/06 (2013.01 - US); **B65H 67/064** (2013.01 - CN); **B65H 67/068** (2013.01 - EP US); **D01H 5/70** (2013.01 - US);
D01H 9/18 (2013.01 - EP US); **B65H 2701/31** (2013.01 - CN EP US)

Cited by
WO2020025797A1

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

DOCDB simple family (publication)
EP 3372713 A1 20180912; **EP 3372713 B1 20230913**; CN 108584552 A 20180928; CN 108584552 B 20211126;
DE 102017105034 A1 20180913; US 10724156 B2 20200728; US 2018258560 A1 20180913

DOCDB simple family (application)
EP 18160403 A 20180307; CN 201810174137 A 20180302; DE 102017105034 A 20170309; US 201815915273 A 20180308