

Title (en)

METHOD FOR STORING AND TRANSPORTING CORES ON A TEXTILE MACHINE AND TEXTILE MACHINE

Title (de)

VERFAHREN ZUM SPEICHERN UND TRANSPORTIEREN VON HÜLSEN AN EINER TEXTILMASCHINE SOWIE TEXTILMASCHINE

Title (fr)

PROCÉDÉ DE STOCKAGE ET DE TRANSPORT DES TUBES SUR UNE MACHINE TEXTILE AINSI QUE MACHINE TEXTILE

Publication

EP 3569539 B1 20220302 (DE)

Application

EP 19173541 A 20190509

Priority

DE 102018111433 A 20180514

Abstract (en)

[origin: CN110482314A] The invention relates to a method of storing and transporting cores (8) on a textile machine (1), which is provided with a plurality of stations (4). The stations (4) are parallelly arranged along a mechanical longitudinal axis (M) on the opposite sides of a machine (1). Each station is provided with a reeling device. Yarns are wound around the cores. By a transportation device (6), the cores (8) are delivered to the stations (4) from a plurality of core chambers (7.1, 7.2, 7.3, 7.4), and core chambers are arranged on two sides of the machine (1). Cores (8) are stored in the core chambers (7.1, 7.2, 7.3, 7.4). The longitudinal axes (H) of the cores are basically horizontal and horizontally positioned relative to the mechanical longitudinal axis (M). In a corresponding textile machine (1), core storing parts are arranged in the core chambers (7.1, 7.2, 7.3, 7.4) and are used to store the cores (8); the longitudinal axes (H) of the cores are basically horizontal and horizontally positioned relative to the mechanical longitudinal axis (M). All cores (8) are taken out from the core chambers (7.1, 7.2, 7.3, 7.4) along the longitudinal axes (H) and move between the core chambers (7.1, 7.2, 7.3, 7.4) arranged on two sides of the machine (1) towards the mechanical longitudinal axis (M).

IPC 8 full level

B65H 67/06 (2006.01); **D01H 9/18** (2006.01)

CPC (source: CN EP)

B65H 54/20 (2013.01 - CN); **B65H 54/70** (2013.01 - CN); **B65H 67/06** (2013.01 - CN); **B65H 67/068** (2013.01 - EP); **D01H 4/50** (2013.01 - CN); **D01H 9/02** (2013.01 - CN); **D01H 9/18** (2013.01 - EP); **D01H 9/185** (2013.01 - CN); **B65H 2701/31** (2013.01 - CN EP)

Cited by

WO2021013665A1; WO2021037870A1

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 3569539 A1 20191120; **EP 3569539 B1 20220302**; CN 110482314 A 20191122; CN 110482314 B 20221122; DE 102018111433 A1 20191114

DOCDB simple family (application)

EP 19173541 A 20190509; CN 201910384241 A 20190509; DE 102018111433 A 20180514