

Title (en)

APPARATUS FOR STORING AND PROVIDING BOBBIN TUBES

Title (de)

VORRICHTUNG ZUR SPEICHERUNG UND BEREITSTELLUNG VON SPULHÜLSEN

Title (fr)

DISPOSITIF DE STOCKAGE ET DE FOURNITURE DE DOUILLES DE BOBINES

Publication

**EP 2424804 B1 20130612 (DE)**

Application

**EP 10718547 A 20100427**

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Abstract (en)

[origin: WO2010127962A1] The invention relates to an apparatus for storing and providing bobbin tubes (18) for a winding device (20), wherein the bobbin tubes are held in a storage shaft (1). The storage shaft has an insertion opening (2) for receiving supplied bobbin tubes and an outlet opening (3) configured at the bottom (6) of the storage shaft for dispensing the bobbin tubes. The bobbin tubes can be stored between the insertion opening and the outlet opening inside the storage shaft as a tube stack (19). Outside of the storage shaft, a moveable holding arbor (14) is assigned to the outlet opening in order to take over the bobbin tubes which are released inside the storage shaft by means of a metering agent (4). In order to ensure a safe guidance and transfer of the bobbin tubes from the inside of the storage shaft to the circumference of the holding arbor to the extent possible, according to the invention the storage shaft is oriented vertically along with the tube stack and the outlet opening is assigned to a tube chute (8) outside of the storage shaft, said chute being inclined with respect to a vertical.

IPC 8 full level

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CPC (source: EP)

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