

Title (en)

AUTOMATIC BOBBIN REPLACING DEVICE, ROTOR SPINNING MACHINE USING THE SAME, AND BOBBIN REPLACING METHOD THEREOF

Title (de)

AUTOMATISCHE SPULENAUSTAUSCHVORRICHTUNG, ROTORSPINNMASCHINE DAMIT UND SPULENAUSTAUSCHVERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE REMPLACEMENT AUTOMATIQUE DE BOBINE, MACHINE À FILER À ROTOR L'UTILISANT ET SON PROCÉDÉ DE REMPLACEMENT DE BOBINE

Publication

EP 3611121 A1 20200219 (EN)

Application

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Priority

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Abstract (en)

The present invention provides a bobbin replacing device, a rotor spinning machine using the same, and a bobbin replacing method thereof. The bobbin replacing device includes a bobbin holder for storing an empty bobbin and a driving mechanism capable of driving the bobbin holder to move to a predetermined position. In the spinning machining using the bobbin replacing device, when the bobbin does not need to be changed, the bobbin holder locates at a first position; when the bobbin needs to be changed, the bobbin holder is driven by the driving mechanism to move to a predetermined second position, and the bobbin on the bobbin holder arrives at a predetermined position; the driving mechanism drives the bobbin holder to return to an original position, thereby achieving an automatic bobbin replacement and reducing the worker's labor intensity.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

- [X1] DE 2915533 A1 19791025 - ELITEX ZAVODY TEXTILNIHO
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- [A] GB 2179066 A 19870225 - RIETER AG MASCHF

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