

Title (en)

ROTOR SPINNING METHOD AND DEVICE FOR FOUR-SLIVER ASYNCHRONOUS INPUTTING AND THREE-LEVEL CARDING

Title (de)

ROTORSPINNVERFAHREN UND -VORRICHTUNG ZUR ASYNCHRONEN EINFÜHRUNG VON VIER BÄNDERN UND ZUR DREISTUFIGEN KARDIERUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FILATURE À ROTOR POUR ENTRÉE ASYNCHRONE DE QUATRE RUBANS ET CARDAGE À TROIS NIVEAUX

Publication

EP 3327184 B1 20190710 (EN)

Application

EP 15901885 A 20151030

Priority

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- CN 2015000736 W 20151030

Abstract (en)

[origin: EP3327184A1] A multi-level carding rotor spinning method and device. The device includes a spinning system and a computer control system. The spinning system includes a feeding and carding mechanism, a collecting and twisting mechanism, and a winding mechanism. The feeding and carding mechanism includes combined feeding rollers (2-5, 2-6, 2-7, 2-8) having four rotational freedom degrees and multiple levels of carding rollers (2-10, 2-11, 2-12). The speed ratio of four rollers of the combined feeding rollers having four rotational freedom degrees can be adjusted, so that the linear density and the blending ratio of rotor spun yarns are randomly adjusted.

IPC 8 full level

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