

Title (en)

ROVING-PIECING METHOD IN SPINNING FRAME AND ROVING-PIECING HEAD FOR CARRYING OUT SAID METHOD

Publication

EP 0213962 B1 19910904 (EN)

Application

EP 86306816 A 19860903

Priority

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- JP 19392085 A 19850904

Abstract (en)

[origin: EP0213962A2] Disclosed is a roving-piecing method in which, when the wound diameter of a roving bobbin suspended from a bobbin hanger, from which a roving is withdrawn, is reduced, and roving exchange becomes necessary, the end of a roving on a full bobbin to be exchanged with the small bobbin is taken out, the end of the roving is held and guided above a trumpet, the end of the roving is piled on the roving of the small bobbin during spinning, holding of the end of the roving of the full bobbin is released, and then, the roving of the small bobbin is cut to effect roving piecing. According to this roving-piecing method, roving piecing can be accomplished in a short time during the operation of a spinning frame, and automation of the roving-piecing operation can be attained. A roving-piecing head for use in carrying out this roving-piecing method comprises a body having a roving guide groove formed in a top end portion thereof, a roving holding lever mounted on the body, which is capable of reciprocating across the guide groove, and a roving holding member arranged on the body on both sides of the guide groove to co-operate with the roving holding lever for holding a roving.

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Cited by

EP0672768A3; CH683699A5; EP0296546A1; EP0361306A1; EP0440213A3; EP0321418A1; DE3911764A1; EP0303577A1; US5279105A; US5343689A; DE3734264A1; US4899531A; EP0488958A1; US5239814A; DE4014732A1; US5099641A; DE4023626A1; EP0469276A1; DE4024358A1; US5280699A; US4890452A; EP0448518A3; EP0419968A1; DE3911765A1; US5113645A; US4944146A; WO9207980A1; EP0314631B2

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