

Title (en)
METHOD AND DEVICE FOR WINDING A SPINNING THREAD, IN PARTICULAR A GLASS YARN IN ORDER TO FORM A BOBBIN

Title (de)
VERFAHREN UND VORRICHTUNG ZUM AUFWICKELN EINES SPINNFADENS, INSBESONDERE EINES GLASFADENS ZU EINER SPULE

Title (fr)
PROCÉDÉ ET DISPOSITIF D'ENROULEMENT D'UN FILÉ, EN PARTICULIER D'UN FILÉ DE VERRE SUR UNE BOBINE

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Application
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Priority
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Abstract (en)
[origin: CN109457336A] The invention relates to a method for winding a spinning thread (4), in particular a glass yarn, on a bobbin (9.1) arranged on a winding spindle (8.1), in which the spinning thread (4) is supplied to the bobbin (9.1), which is rotated by means of a driven winding spindle (8.1). During the winding start and/or during winding of a reel (15), reciprocating motion is carried out using at least one flyer (13.1, 13.2) on the rotatably driven flyer shaft (11) capable of being driven to rotate. The winding width (B) of the reel is smaller in the axial direction than the length of the bobbin (9.1). The reciprocating motion ends with the spinning yarn (4) at a predetermined position on the non-rotating flyer (13.1, 13.2). The axial relative movement between the flyer shaft (11) and the winding spindle (8.1, 8.2) is implemented and the spinning thread (4) is wound into a yarn (16) on the bobbin (9.1, 9.2) next to the winding width (B) of the reel (15).

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Citation (opposition)
Opponent : Dietze & Schell Maschinenfabrik GmbH & Co. KG,
• US 4025002 A 19770524 - SUTTON III JOHN C, et al
• US 3356304 A 19671205 - GENSON SAMUEL R
• US 7866590 B2 20110111 - NAULET CHRISTOPHE [FR], et al
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• WO 9729037 A1 19970814 - PPG INDUSTRIES INC [US]

Cited by
CN114988210A

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