

Title (en)

Method and device for winding a predetermined length of yarn in layers on a bobbin.

Title (de)

Verfahren und Vorrichtung zum Aufwickeln von vorbestimmten Garmlängen in Lagen auf einer Spule.

Title (fr)

Procédé et dispositif pour embobiner une longueur prédéterminée de fil en couches sur une bobine.

Publication

EP 0386519 B1 19950913 (DE)

Application

EP 90103265 A 19900220

Priority

DE 3906474 A 19890301

Abstract (en)

[origin: EP0386519A1] A method and a device for winding predetermined lengths of yarn in layers on a bobbin by means of a winding element, especially for winding roving onto flyer bobbins (46) on a flyer, a relative axial to-and-fro movement occurring between the winding element (5, 44) and the bobbin during the winding operation, are characterised in that, to obtain a predetermined location of the yarn end or roving end on the bobbin (46), the wound-up length of yarn is continuously measured during the winding operation, and in that, when a predetermined wound-up length of yarn corresponding approximately to one of the last layers, but shorter than the predetermined length of yarn is reached, the relative axial position of the winding element (5, 44) and of the bobbin (46) or a parameter proportional to this is determined, and the device varying the relative position is so controlled that the length of yarn still remaining up to the predetermined length of yarn comes to an end at least essentially at the predetermined location as a result of controlled relative axial to-and-fro movements differing in amplitude from the previous amplitude. <IMAGE>

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CPC (source: EP)

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Cited by

EP0622482A1; US5560193A; EP0503518A1; US5259179A; EP0927780A1; US6082658A

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