

Title (en)
Method and apparatus for changing a supply bobbin

Title (de)
Vorlagespulenwechselverfahren und Vorrichtung

Title (fr)
Procédé et dispositif de changement de bobine d'alimentation

Publication
EP 1686086 A1 20060802 (DE)

Application
EP 05001788 A 20050128

Priority
EP 05001788 A 20050128

Abstract (en)
A method for replacing feed-spools (especially Elastan spools) in the production of multi-component yarn involves holding one end of the reserve yarn in a linking system, combining this with the production yarn before the production spool runs out and then reeling off the reserve yarn tangentially by means of the delivery device. A feed-spool replacement method, especially for changing Elastan spools in the production of multi-component yarn, which involves reeling off yarn (44, 45) tangentially from a production feed-spool (5) by means of a yarn delivery device (8, 31, 32) and preparing a spare feed-spool (6). In this method, (a) one end of the reserve yarn (44) from spool (6) is held in a linking system (10) mounted after (8) in the thread run, (b) before the production spool (5) runs out, this end is combined with the production yarn (45) in the linking system (1) and (c) after joining, the reserve yarn (44) is reeled off tangentially from (6) by the delivery device (8, 31, 32). Independent claims are also included for (1) a feed-spool replacement system for the above method, with a production feed-spool holder (12), a yarn delivery device (8, 31, 32) arranged for the tangential reel-off of yarn (45) from a production feed-spool (5) mounted in (12), a linking system as described above (designed to hold one end of the reserve yarn (44) and then to combine it with (45) before spool (5) runs out) and a reserve feed-spool holder (13) mounted so that the reserve yarn (44) can be reeled off tangentially by the device (8, 31, 32) after the linking step (2) a multi-component yarn production machine with at least one feed-spool replacement device (3) as described above, preferably designed so that the yarn production speed is reduced to 100 m/min when the spool is running out .

IPC 8 full level
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CPC (source: EP)
B65H 67/02 (2013.01); **B65H 69/00** (2013.01); **B65H 2701/319** (2013.01)

Citation (search report)
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Citation (examination)
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Designated contracting state (EPC)
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