

Title (en)

METHOD FOR MANUFACTURING A PATTERNED PLUSH ARTICLE AND A MULTI-SYSTEM CIRCULAR KNITTING MACHINE FOR CARRYING OUT THIS METHOD

Publication

EP 0295703 B1 19910227 (DE)

Application

EP 88109690 A 19880616

Priority

AT 155887 A 19870619

Abstract (en)

[origin: EP0295703A2] The invention relates to a method for manufacturing a patterned plush article by binding one of at least two plush threads into the stitches together with the basic thread. Problems with the supply of the running plush threads to the knitting position are avoided by the measure that each plush thread, immediately upon its arrival at pre-sinking edges, is drawn by plush forming sinkers into loops which have the necessary thread reserve for the plush loop and the knitting process, so that no plush thread movement is any longer necessary. By contrast, the basic thread is enclosed in the customary way in the grooves of the plush forming sinkers, and runs to the knitting position. Compared with a pre-sinking of the basic thread also, which permits higher thread laying positions of the needles, so that all the plush threads can be supplied to the needle hooks directly, this offers the advantage of significantly reduced system width as a consequence of reduced needle movement and also the possibility of knitting the basic thread with the plush threads while the latter are held controlled at plush forming edges, so that precise loop lengths and also very short loops can be formed. Without pre-sinking of the basic thread also, however, the needles, in the uppermost possible thread laying position, are positioned with their hooks only just above the pre-sinking edge, so that a pushing of the thus supplied plush thread into the needle hooks takes place by means of thread laying sinkers. Since the other needles are at this moment below the pre-sinking edge, this nevertheless rules out any inadvertent gripping of the thus pushed-in plush thread by other needles. <IMAGE>

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D04B 9/12

IPC 8 full level

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Cited by

DE102011001779B3; US6079235A; EP0452607A3; US6125662A; DE19707053B4; EP0594187A1; US5390511A; DE10015629A1; US5279133A; DE4033735A1; US5239843A; DE4033735C2; WO0132969A1; WO9720977A1

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