

Title (en)

METHOD OF PRODUCING PATTERNED PLUSH ARTICLES AND CIRCULAR KNITTING MACHINE FOR THIS METHOD

Publication

EP 0043135 B1 19850403 (DE)

Application

EP 81105038 A 19810629

Priority

DE 3024705 A 19800630

Abstract (en)

[origin: US4633683A] Patterned pile (terry or plush) fabrics are made on circular knitting machines with cylinder and sinker ring or latch needles and pile elements (pile sinkers, pile hooks, latch needles). The pile elements are not selected, but perform their pile forming motions every knitting cycle. The latch needles of the cylinder are, however, selected both for knitting desired structures in the ground or base fabric and for forming the pile loops in the desired pile regions. The needles selected to form pile loops engage the pile thread fed at a higher level than the ground thread, which is fed at a level such that it is not affected by the pile elements, e.g. below the webs of pile sinkers. The ground thread is held in non-pile forming needles with their hooks at the level of the pile elements while the pile thread is fed to further extended needles which are then retracted to the same level as the needles holding the ground thread before all the needles are retracted to the knock-over position.

IPC 1-7

D04B 9/12

IPC 8 full level

D04B 1/02 (2006.01); **D04B 9/12** (2006.01)

CPC (source: EP US)

D04B 1/02 (2013.01 - EP US); **D04B 9/12** (2013.01 - EP US); **D04B 15/06** (2013.01 - EP); **D04B 15/322** (2013.01 - EP US); **D04B 35/04** (2013.01 - EP)

Cited by

FR2618457A1; EP0484692A1; US5109680A; US4589267A; WO9830742A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0043135 A1 19820106; **EP 0043135 B1 19850403**; AT E12528 T1 19850415; DD 159997 A5 19830420; DE 3024705 A1 19820121; DE 3024705 C2 19860430; DE 3169664 D1 19850509; JP S5795355 A 19820614; JP S648102 B2 19890213; US 4633683 A 19870106

DOCDB simple family (application)

EP 81105038 A 19810629; AT 81105038 T 19810629; DD 23124181 A 19810629; DE 3024705 A 19800630; DE 3169664 T 19810629; JP 10218381 A 19810630; US 57732184 A 19840208