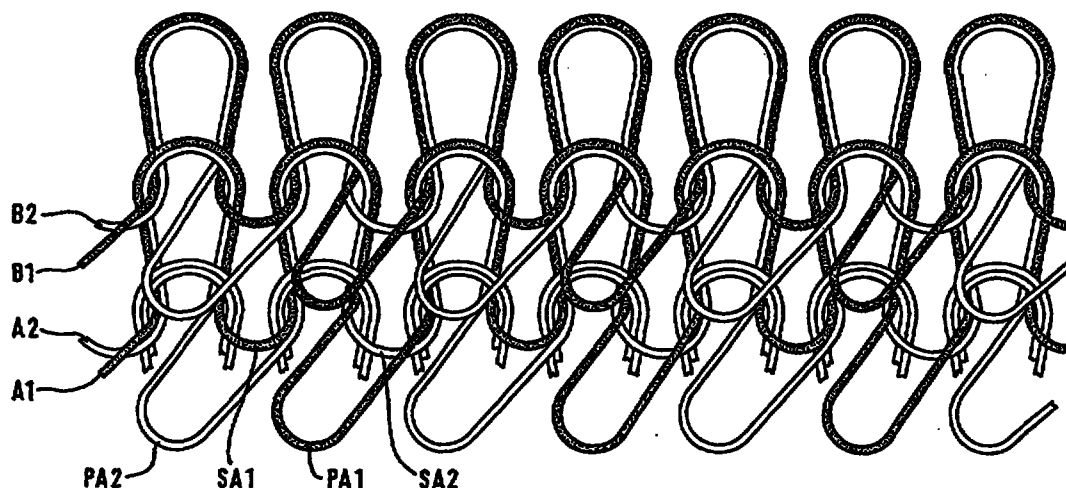


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(54) Title: IMPROVED PILE FABRIC, METHODS AND CIRCULAR KNITTING MACHINES WITH IMPROVED PILE ELEMENTS FOR MANUFACTURING AFORESAID



(57) Abstract

The present invention relates to improved pile fabrics containing courses in which at least two pile forming yarns are meshed across a complete course together cooperatively in various fabric constructions, and respectively into a ground fabric, and forming pile loops one another alternatively between succeeding wales or areas. The fabric is manufactured according to a process in which needles are moved into a feeding position in which they remain, meanwhile in at least two succeeding sections, alternatively, pile elements are selected and raised and after the feeding of a pile yarn are retracted to an intermediate position. The pile yarns are controlled separately from one another and are unaffected in their movement to the loop-forming and meshing action. The manufacturing is realized on circular knitting machinery having a plurality of knitting sections of a type having at least two cooperative beds adapted for movable disposition therein of respective circles of knitting needles and arranged for respective movement of knitting needles transversely of and between a circle of pile elements arranged in the other bed for respective movement of the pile elements each having a pile yarn engaging hook. The pile loops can be severed according to an arrangement provided for in the knitting machine.