

Title (en)

Conductive continuous filament in a stretch fabric.

Publication

EP 0185480 A1 19860625 (EN)

Application

EP 85308682 A 19851128

Priority

US 67586484 A 19841128

Abstract (en)

A fabric (10) having both electrically conductive and elastomeric properties is formed by interlacing at least one yarn into a series of interlocking loops, preferably knitted or woven. This electrically conductive yarn (20) includes an end having an electrically conductive continuous filament. It is preferred that an electrically conductive yarn (20) and an insulating yarn (18) are interlaced together to form a series of interlocking loops. The insulating yarn includes an end having an insulating fibre. Although both the electrically conductive continuous filament and the insulating fibre may have inherent stretch characteristics, an elastomeric fibre may be interlaced, knit or woven into the fabric. The electrically conductive yarn (20) and the insulating yarn (18) may be knit together on two levels forming a face (22) and a back (24) with the electrically conductive yarn forming interlocking loops on the face (22) while the insulating yarn forms interlocking loops on both the face (22) and back (24).

IPC 8 full level

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