

Title (en)

IMPROVED WARP KNIT FABRIC CONTAINING WEFT INSERTED ACTIVATED CARBON YARN

Publication

EP 0189134 A3 19891011 (EN)

Application

EP 86100570 A 19860117

Priority

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- US 69296085 A 19850118
- US 69296185 A 19850118

Abstract (en)

[origin: EP0189134A2] New and improved activated carbon fiber yarns and fabrics are disclosed. It has been discovered that if precursor yarns are intertwined to form a multi-fold yarn prior to being subjected to an activation process, activated carbon yarns having improved tenacity and excellent sorbitivity to toxic gases are provided. The new and improved yarns can be woven into fabric with reduced breakage and/or weak points on conventional weaving equipment. In preferred embodiments the new and improved multi-fold yarns are surface-treated with a polymeric fluorocarbon resin to improve abrasion resistance and reduce fly. In alternate embodiments, improved activated carbon containing fabrics are disclosed which provide protection to the wearer from toxic vapors and gases.

IPC 1-7

D01F 11/10; **D01F 9/22**; **D06M 15/256**

IPC 8 full level

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CPC (source: EP)

D01F 9/22 (2013.01); **D01F 9/32** (2013.01); **D01F 11/14** (2013.01)

Citation (search report)

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