

Title (en)

FLAME RESISTANT, HIGH VISIBILITY FABRICS AND METHODS OF MANUFACTURE THEREOF

Title (de)

FLAMMWIDRIGE STOFFE MIT HOHER SICHTBARKEIT UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

TISSUS RÉSISTANT AUX FLAMMES, À HAUTE VISIBILITÉ ET LEURS PROCÉDÉS DE FABRICATION

Publication

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Application

EP 17859412 A 20171004

Priority

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Abstract (en)

[origin: WO2018068123A1] A fabric for use in safety apparel is taught. The fabric comprises a first yarn comprising modacrylic run in a weft direction of said fabric and a second yarn comprising polyester run in a warp direction of said fabric. The fabric meets visibility requirements governed by CSA Z96 in Canada and by ANSI/ISEA 107 in the US and applicable international standards; and meets requirements for flame resistance governed in Canada by CAN/CGSB-155.20, CAN/CGSB 155.22, and CSA Z462; and in the US by NFPA 2112, NFPA 1971, NFPA 1975, NFPA 1977 and NFPA 70E and applicable international standards. A method of manufacturing a fabric is further taught, said method comprising the steps of running a first yarn in a weft direction, said first yarn comprising modacrylic and running a second yarn in a warp direction, said second yarn comprising polyester, wherein said method produces a fabric meeting visibility requirements and meeting requirements for flame resistance.

IPC 8 full level

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Citation (search report)

- [X] US 7419922 B2 20080902 - GIBSON RICHARD M [US], et al
- See references of WO 2018068123A1

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