

Title (en)

FLAME RESISTANT SPUN STAPLE YARNS MADE FROM BLENDS OF FIBERS DERIVED FROM SULFONATED POLYOXADIAZOLE POLYMERS

Title (de)

FEUERFESTE GESPONNENE STAPELGARNE AUS FASERMISCHUNGEN AUS SULFONIERTEN POLYOXADIAZOLPOLYMEREN

Title (fr)

FILS DE FIBRES COURTES, FILÉES-LIÉES, IGNIFUGES, FAITS DE MÉLANGES DE FIBRES ISSUES DE POLYMÈRES DE POLYOXADIAZOLE SULFONÉ

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2012082434A1] Described is a flame-resistant spun yarn having: about 50 to about 95 parts by weight of a sulfonated polyoxadiazole based staple fiber comprising repeat units of Formula (I) and one or both of Formula (II) and (I la): wherein M is a cation; and about 5 to about 50 parts by weight of a textile staple fiber having limiting oxygen index of 21 or greater and a tenacity of about 4 grams per denier or greater, based on the total amount of the polymeric fiber and the textile fiber in the yarn.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2012082434A1

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