

Title (en)

POLY(VINYL ALCOHOL) COPOLYMER IONOMERS, THEIR PREPARATION AND USE IN TEXTILE SIZES

Title (de)

POLYVINYALKOHOL-COPOLYMER-IONOMERE, DEREN HERSTELLUNG UND VERWENDUNG ZUR TEXTILBESCHICHTUNG

Title (fr)

IONOMERES DE COPOLYMERES DE POLY(ALCOOL DE VINYLE), LEUR PREPARATION ET LEUR UTILISATION DANS DES ENCOLLAGES DE TEXTILES

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Application

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Abstract (en)

[origin: WO0001876A2] Compositions and textile sizes based on those compositions, which are particular poly(vinyl alcohol) copolymer ionomers, as well as blends of those ionomers with other sizing polymers are described. A process to prepare the ionomers is described. The compositions are poly(vinyl alcohol) copolymers which have carboxylic acid ionomer comonomer units. Sizes based on these ionomers are aqueous solutions of the ionomers or solutions of blends of them with other poly(vinyl alcohol) polymers which are not ionomeric, or solution/suspensions of the ionomers with various starches, or both. Desizing in either water or caustic solutions is generally far superior to comparable polymer blends which contain no poly(vinyl alcohol) copolymer ionomer.

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