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(54) Title: COPOLYMERS OF FUNCTIONALIZED POLYPHENYLENE ETHER RESINS AND BLENDS THEREOF

(57) Abstract: A copolymer having segments of polyphenylene ether, styrene and/or acrylonitrile, a method for making the copolymer, and a blend of the copolymer with a styrenic resin are provided. The polyphenylene ether segments are derived from polyphenylene ether polymers having at least one end cap that a pair of unsaturated aliphatic carbon atoms, *i.e.* us0216263n-carbon double bond. The copolymer is miscible with styrene/acrylonitrile copolymers.



WO 03/020781 A1