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(54) Title: POLY(ACRYLATED POLYOL) AND METHOD FOR MAKING AND USING THEREOF AS ASPHALT RUBBER
MODIFIERS, ADHESIVES, FRACKING ADDITIVES, OR FRACKING FLUIDS

(57) Abstract: The present invention relates to a thermoplastic copolymer, block copolymer, and statistical copolymer comprising plural acrylated polyol monomeric units having different degrees of acrylation of hydroxyl groups. The acrylated polyol monomeric units have an average degree of acrylation greater than 1 and less than the number of the hydroxyl groups of the polyol. The present invention also relates to a method of making the thermoplastic copolymer, block copolymer, and statistical copolymer, and using them in various applications, such as asphalt rubber modifiers, adhesives, or an additive in a tracking fluid for oil tracking.

