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(54) Title: A CROSSLINKED POLYMER FOR DEWAXING – PREPARATION AND IMPLEMENTATIONS THEREOF

(57) Abstract: The present disclosure discloses a crosslinked polymer for dewaxing the lubricating oils, the polymer derived from (a) 70-77 weight percentage of at least one alkyl acrylate; (b) 23-28 weight percentage of at least one vinyl aromatic hydrocarbon; (c) 0.1-2.5 weight percentage of at least one crosslinker; and (d) 0.75-2.5 weight percentage of at least one initiator and wherein the polymer has a number average molecular weight in the range of 5000-15000. The present disclosure discloses a convenient process for preparing the crosslinked polymer. The present disclosure further reveals a method for dewaxing the lubricating oil.



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