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(54) Title: A GEMINALLY DISUBSTITUTED OLEFIN-CARBON MONOXIDE-ETHYLENE POLYMER USEFUL AS A POLYVINYL CHLORIDE PLASTICIZER AND A METHOD OF MAKING THE SAME

(57) Abstract: The invention is related to a geminally disubstituted olefin-carbon monoxide-ethylene polymer. The invention is also related to a method for preparing geminally disubstituted olefin-carbon monoxide-ethylene polymers by reacting a geminally disubstituted olefin feed, a carbon monoxide feed and an ethylene feed under free radical polymerization conditions. The invention is further related to a geminally disubstituted olefin-carbon monoxide-ethylene-X polymer, where monomer X is a free radical polymerizable monomer. The invention is also directed to a method for preparing geminally disubstituted olefin-carbon monoxide-ethylene-X polymers by reacting a geminally disubstituted olefin feed, a carbon monoxide feed, an ethylene feed and a feed containing monomer X under free radical polymerization conditions. The polymers of the invention are useful as polyvinyl chloride plasticizers.

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