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(54) Title (EN): MODIFIED DIENE POLYMER AND METHOD FOR PRODUCING SAME

(54) Title (FR): POLYMÈRE DIÉNIQUE MODIFIÉ ET PROCÉDÉ POUR SA PRODUCTION

(54) Title (JA): 変性ジエン系ポリマー及びその製造方法

(57) Abstract:

(EN): A modified diene polymer according to an embodiment of the present invention is obtained by graft polymerizing vinyl phosphonic acids represented by general formula (1) on a diene polymer. In formula (1), R¹ and R² are each independently a hydrogen atom or a hydrocarbon group having 1 to 10 carbon atoms and R³ is a hydrogen atom or a methyl group.

(FR): Selon un mode de réalisation de la présente invention, un polymère diénique modifié est obtenu par polymérisation par greffage d'acides vinylphosphoniques représentés par la formule générale (1) sur un polymère diénique. Dans la formule (1), R¹ et R² représentent chacun indépendamment un atome d'hydrogène ou un groupe hydrocarboné comprenant 1 à 10 atomes de carbone et R³ représente un atome d'hydrogène ou un groupe méthyle.

(JA): 実施形態に係る変性ジエン系ポリマーは、ジエン系ポリマーに下記一般式(1)で表されるビニルホスホン酸類をグラフト重合してなるものである。式(1)中、R¹及びR²は、それぞれ独立に、水素原子または炭素数1~10の炭化水素基を表し、R³は、水素原子またはメチル基を表す。

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