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(54) Title (EN): COMPOSITION FOR ADHERING POLYMER TO SUBSTRATE AND METHOD OF PREPARATION THEREOF

(54) Title (FR): COMPOSITION POUR COLLER UN POLYMÈRE SUR UN SUBSTRAT ET PROCÉDÉ DE PRÉPARATION ASSOCIÉ

(57) Abstract:

(EN): It discloses a composition for adhering one or more polymers to a substrate. The composition comprises at least one first compound adapted to be coated on a surface of the substrate. The first compound comprises one or more first units each having at least one functional group adapted to chemically react with at least one monomer to form the one or more polymers. Said composition also comprises at least one second compound adapted to be coated on the surface of the substrate. The second compound comprising one or more second units interspersed among the one or more first units of the first compound. Each of the one or more second units is not chemically reactive to the at least one monomer. It also discloses a method of preparing a polymer coated surface on a substrate using the composition described.

(FR): L'invention concerne une composition pour faire adhérer un ou plusieurs polymères à un substrat. La composition comprend au moins un premier composé conçu pour être revêtu sur une surface du substrat. Le premier composé comprend une ou plusieurs premières unités ayant chacune au moins un groupe fonctionnel conçu pour réagir chimiquement avec au moins un monomère pour former les un ou plusieurs polymères. Ladite composition comprend également au moins un second composé conçu pour être revêtu sur la surface du substrat. Le second composé comprend une ou plusieurs secondes unités intercalées entre la ou les premières unités du premier composé. Aucune de la ou des secondes unités n'est chimiquement réactive vis-à-vis de l'au moins un monomère. L'invention concerne également un procédé de préparation d'une surface revêtue de polymère sur un substrat à l'aide de la composition décrite.

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