

Title (en)

COMPOSITION SUITABLE FOR USE AS A CROSS-LINKING MASTERBATCH INCLUDING A FUNCTIONAL POLYOLEFIN

Title (de)

ZUSAMMENSETZUNG ZUR VERWENDUNG ALS VERNETZENDE MUTTERMISCHUNG MIT EINEM FUNKTIONELLEN POLYOLEFIN

Title (fr)

COMPOSITION UTILE COMME MELANGE-MAITRE DE RETICULATION COMPRENANT UNE POLYOLEFINE FONCTIONNELLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2011067505A1] The present invention relates to a composition including a mixture of a cross-linking agent and a first polyolefin including a functional monomer (X) selected from among unsaturated carboxylic diacid or carboxylic acid anhydrides, the unsaturated carboxylic acids and the unsaturated epoxides being suitable for cross-linking with a second polyolefin in order to form an assembly (22) adhered to a substrate (24), said assembly (22) and the substrate (24) forming an integral structure having two separate layers (22, 24), characterised in that the amount of cross-linking agent is no lower than 5% of the total weight of the composition. Said masterbatch enables, even in the absence of silanes, cross-linking of polymers, in particular polyolefins, in order to increase the adhesive capacity thereof to substrates such as polymers, metals, metal oxides or silicon. Said masterbatch can be used in particular for encapsulating photovoltaic cells.

IPC 8 full level

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