

Title (en)

EDGE SEALANT COMPOSITION WITH REACTIVE OR UNSATURATED POLYOLEFINS

Title (de)

KANTENVERSIEGELUNGSZUSAMMENSETZUNG MIT REAKTIVEN ODER UNGESÄTTIGTEN POLYOLEFINEN

Title (fr)

COMPOSITION D'ÉTANCHÉITÉ DE BORDURE AVEC DES POLYOLÉFINES RÉACTIVES OU INSATURÉES

Publication

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Application

EP 10824116 A 20101014

Priority

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- US 67925010 A 20100319
- US 2010052718 W 20101014

Abstract (en)

[origin: WO2011047185A1] A solar module includes a photovoltaic device that has an edge seal. The sealant composition of the edge seal includes an unsaturated or reactive polyolefin, an olefinic polymer, a silane modified polyolefin, inert fillers, a water scavenger or desiccant, an antioxidant, and a UV stabilizer. These components are balanced to produce a sealant having desirable sealing characteristics, high weatherability, desired rheology, low conductivity, and good thermal stability.

CPC (source: EP KR)

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Citation (search report)

- [XI] WO 2009036752 A1 20090326 - KOEMMERLING CHEM FAB GMBH [DE], et al
- [X] EP 0906378 A1 19990407 - HENKEL TEROSON GMBH [DE]
- [X] US 2004059069 A1 20040325 - GRIMM SEFAN [DE], et al
- See references of WO 2011047185A1

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