

Title (en)
ADHESIVE SYSTEM WITH HIGHLY REACTIVE PRETREATMENT AGENT

Title (de)
KLEBESYSTEM MIT HOCHREAKTIVEM VORBEHANDLUNGSMITTEL

Title (fr)
SYSTÈME ADHÉSIF À MOYEN DE PRÉTRAITEMENT HAUTEMENT RÉACTIF

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Application
EP 15784339 A 20151020

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Abstract (en)
[origin: WO2016062728A1] The present invention relates to an adhesive system, comprising an adhesion promoter composition, containing at least one mercaptosilane, at least one polysilane, at least one transition metal complex comprising substantially only monodentate ligands, and at least one non-alcoholic solvent, and an adhesive, wherein the adhesive, within an hour after application and storage at 23°C and 50% relative air humidity, has a tensile shear strength of at least 3 MPa, as measured according to ISO 4587, and/or, within an hour after application and storage at 23°C and 50% relative air humidity, has at least 50%, preferably at least 60%, of the tensile shear strength achievable after application and storage for 7 days at 23 °C and 50% relative air humidity, as measured according to ISO 4587. The adhesive system according to the invention is suited, for example, for bonding glass panes in transport means and also builds up strength very quickly at low temperatures. The present invention further relates to an adhesion promoter system having a liquid container comprising a manually actuable output apparatus, and an adhesion promoter composition, as disclosed above.

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