

Title (en)  
POLYURETHANE BONDING AGENT HAVING TWO CONSTITUENTS AND USED AS AN ADHESIVE

Title (de)  
ZWEIKOMPONENTEN-POLYURETHAN-BINDEMittel ALS HAFTVERMITTLER

Title (fr)  
LIANT POLYURETHANE A DEUX COMPOSANTS UTILISE COMME AGENT ADHESIF

Publication  
**EP 1356004 A1 20031029 (DE)**

Application  
**EP 02708272 A 20020111**

Priority  
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• EP 0200205 W 20020111

Abstract (en)  
[origin: DE10103027A1] The use of a solvent-containing two-component polyurethane binder (I) as adhesion promoter is claimed, where (I) comprises: (a) a hardener component containing an addition product of at least one organic polyisocyanate and an alkoxysilane (II) having at least one isocyanate-reactive group; and (b) a lacquer resin reactive with isocyanate groups. The use of a solvent-containing two-component polyurethane binder (I) as adhesion promoter (i.e. primer) is claimed, where (I) comprises: (a) a hardener component containing an addition product of at least one organic polyisocyanate (having an isocyanate functionality of 2.5-5.0 and isocyanate content of 8-27 wt. %) and an alkoxysilane, having at least one isocyanate-reactive group, of formula Q-Z-Si(X)a(Y)3-a (II); and (b) a lacquer resin reactive with isocyanate groups. Q = group reactive with NCO; Z = optionally branched 1-12C alkylene; X = hydrolyzable group (preferably 1-4C alkoxy); Y = 1-4C alkyl; a = 1-3.

IPC 1-7  
**C09D 175/06**; C08G 18/80; C08G 18/42; C08G 18/32; C08G 18/79

IPC 8 full level  
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