

Title (en)
REACTIVE ADHESIVE WITH A LOW MONOMER CONTENT AND WITH MULTISTAGE HARDENING

Title (de)
MONOMERARMER REAKTIVKLEBSTOFF MIT MEHRSTUFIGER AUSHÄRTUNG

Title (fr)
ADHESIF REACTIF PAUVRE EN MONOMERES, A DURCISSEMENT ETAGE

Publication
EP 1328603 A1 20030723 (DE)

Application
EP 01988752 A 20011013

Priority
• DE 10052518 A 20001023
• DE 10145617 A 20010915
• EP 0111856 W 20011013

Abstract (en)
[origin: US2004084138A1] A reactive adhesive with a low monomer content and multistage hardening is provided. The adhesive can be solventless or solvent containing, and is a mixture of a polyurethane prepolymer (A) with a low content of monomeric isocyanate and having at least one functional group reactive with a composition containing at least one acidic hydrogen atom and at least one compound (B) containing a functional group polymerizable by irradiation. The adhesive composition can contain photoinitiators, hardeners and additives. The reactive adhesive is cured by UV radiation or electron beam radiation and by reaction of free isocyanate groups with the compositions containing at least one acidic hydrogen atom.

IPC 1-7
C09J 175/16; **C08G 18/81**; **C08G 18/67**; **C08G 18/12**; **C08F 290/06**

IPC 8 full level
C08F 283/00 (2006.01); **C08F 290/06** (2006.01); **C08G 18/81** (2006.01); **C09J 4/00** (2006.01); **C09J 175/04** (2006.01); **C08G 18/10** (2006.01); **C09J 175/06** (2006.01); **C09J 175/08** (2006.01); **C09J 175/14** (2006.01); **C09J 175/16** (2006.01)

CPC (source: EP US)
C08F 283/006 (2013.01 - EP US); **C08F 290/067** (2013.01 - EP US); **C08G 18/8175** (2013.01 - EP US); **C09J 175/16** (2013.01 - EP US)

C-Set (source: EP US)
1. **C08G 18/8175** + **C08G 18/40**
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