

Title (en)
COATING AGENTS WHICH CAN BE HARDENED BY MEANS OF UV RADIATION, METHOD FOR PRODUCING COATINGS FROM SAID COATING AGENTS AND USE THEREOF

Title (de)
DURCH UV-STRAHLUNG HÄRTBARE BESCHICHTUNGSMITTEL, VERFAHREN ZUR HERSTELLUNG VON ÜBERZÜGEN AUS DIESEN BESCHICHTUNGSMITTELN UND DEREN VERWENDUNG

Title (fr)
AGENTS DE REVETEMENT DURCISSABLES AUX UV, PROCEDE DE REALISATION DE REVETEMENTS A PARTIR DE CES AGENTS, ET LEUR UTILISATION

Publication
EP 1290091 A2 20030312 (DE)

Application
EP 01940531 A 20010526

Priority
• DE 10027670 A 20000603
• EP 0106037 W 20010526

Abstract (en)
[origin: DE10027670A1] A liquid, UV-curable coating material (I) comprises: (a) 5-80 wt.% of a mixture of monomeric, oligomeric and polymeric polyfunctional acrylates and/or methacrylates; (b) 5-75 wt.% of a reactive diluent; (c) 0.1-5 wt.% thixotropic agent; (d) 0.1-10 wt.% photoinitiator; and (e) 0.05-20 wt.% additives A liquid, UV-curable coating material (I) comprises: (a) 5-80 wt.% of a mixture of monomeric, oligomeric and polymeric polyfunctional acrylates and/or methacrylates; (b) 5-75 wt.% of a reactive diluent; (c) 0.1-5 wt.% thixotropic agent; (d) 0.1-10 wt.% photoinitiator; and (e) 0.05-20 wt.% additives An Independent claim is also included for a method for the production of a coating on a prepared wooden surface by applying several layers of (I) with a film thickness of 50-500 microns by hot spraying at 35-80 deg C and gelling each layer, after application, by UV irradiation.

IPC 1-7
C09D 4/00; **C08F 220/32**; **C08F 220/10**; **C08F 222/10**; **C09D 4/06**; **C08F 290/06**

IPC 8 full level
B05D 7/08 (2006.01); **C08F 290/14** (2006.01); **C08K 5/00** (2006.01); **C09D 4/00** (2006.01); **B05D 3/06** (2006.01)

CPC (source: EP US)
B05D 7/08 (2013.01 - EP US); **C08F 290/141** (2013.01 - EP US); **C08K 5/0008** (2013.01 - EP US); **C09D 4/00** (2013.01 - EP US); **B05D 3/067** (2013.01 - EP US)

C-Set (source: EP US)
1. **C08K 5/0008 + C08L 33/14**
2. **C09D 4/00 + C08F 220/10**
3. **C09D 4/00 + C08F 222/10**
4. **C09D 4/00 + C08F 222/1067**

Citation (search report)
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Cited by
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