

Title (en)
PHOTOCURABLE RESIN COMPOSITION

Title (de)
PHOTOHÄRTBARE HARZZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE RESINE PHOTODURCISSABLE

Publication
EP 0960355 A1 19991201 (EN)

Application
EP 98905865 A 19980212

Priority
• JP 4483997 A 19970213
• NL 9800089 W 19980212

Abstract (en)
[origin: WO9836325A1] A photocurable resin composition which comprises: (A) a urethane (meth)acrylate oligomer obtained by the reaction of (a) at least one polyol compound preferably selected from the group consisting of polyester polyols and polycarbonate polyols, (b) a polyisocyanate compound, and (c) a hydroxyl group-containing (meth)acrylate compound; (B) a (meth)acryloylphosphate; (C) a polyfunctional (meth)acrylate compound; and (D) a photopolymerization initiator. The composition exhibits a fast cure speed, and the cured products obtained from the composition exhibit superior adhesion under high temperature-high humidity conditions and metal corrosion properties.

IPC 1-7
G03F 7/027; **G11B 7/24**

IPC 8 full level
C08G 18/67 (2006.01); **C09J 4/00** (2006.01); **C09J 4/06** (2006.01); **G03F 7/027** (2006.01); **G11B 7/256** (2006.01); **G11B 7/257** (2013.01); **G03F 7/075** (2006.01); **G11B 7/253** (2006.01); **G11B 7/2531** (2013.01); **G11B 7/2532** (2013.01); **G11B 7/2533** (2013.01); **G11B 7/2534** (2013.01); **G11B 7/26** (2006.01)

CPC (source: EP KR)
C08F 290/147 (2013.01 - EP); **C08G 18/672** (2013.01 - EP); **C08G 18/6785** (2013.01 - EP); **C09J 4/00** (2013.01 - EP); **C09J 4/06** (2013.01 - EP); **G03F 7/004** (2013.01 - KR); **G03F 7/027** (2013.01 - EP); **G11B 7/256** (2013.01 - EP); **G11B 7/257** (2013.01 - EP); **G03F 7/0751** (2013.01 - EP); **G11B 7/2531** (2013.01 - EP); **G11B 7/2532** (2013.01 - EP); **G11B 7/2533** (2013.01 - EP); **G11B 7/2534** (2013.01 - EP); **G11B 7/26** (2013.01 - EP)

Citation (search report)
See references of WO 9836325A1

Cited by
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