

Title (en)
RADIATION CURABLE URETHANE-ACRYLATE BINDERS

Publication
EP 0000890 B1 19801001 (DE)

Application
EP 78100602 A 19780807

Priority
DE 2737406 A 19770819

Abstract (en)
[origin: ES472667A1] A radiation-hardenable binder consisting of a reaction product of: (A) 1 gramme equivalent of NCO of a polyisocyanate containing 2 to 3 isocyanate groups per molecule, (B) 0 to 0.7 gramme equivalents of OH of a polyol containing at least 2 OH-groups per molecule, free from organically combined sulphur, (C) 0.01 to 0.7 gramme equivalents of OH of a hydroxyalkyl acrylate containing 2 to 6 carbon atoms in the alkyl group characterized in that the reaction product additionally has incorporated therein: (D) 0.01 to 0.3 gramme equivalents of OH of a polyol containing thio or dithio groups or thio and dithio groups, with at least 2 OH-groups per molecule, the sum of the OH gramme equivalents B to D is from 1 to 1.2, and the content of organically combined sulphur, derived from the thio and dithio groups, is from 0.01 to 10% by weight, based on the binder.

IPC 1-7
C08G 18/67; **C08G 18/32**; **C08G 18/40**

IPC 8 full level
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CPC (source: EP US)
C08G 18/3863 (2013.01 - EP US); **C08G 18/4676** (2013.01 - EP US); **C08G 18/5072** (2013.01 - EP US); **C08G 18/6453** (2013.01 - EP US); **C08G 18/672** (2013.01 - EP US); **G03F 7/038** (2013.01 - EP US); **G03F 7/0388** (2013.01 - EP US)

C-Set (source: EP US)
1. **C08G 18/672** + **C08G 18/52**
2. **C08G 18/672** + **C08G 18/46**

Cited by
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