Title (en)

POWDER SLURRIES WHICH CAN BE HARDENED THERMALLY AND BY MEANS OF ACTINIC RADIATION, A METHOD FOR THE PRODUCTION THEREOF AND THE USE OF THE SAME

Title (de)

THERMISCH UND MIT AKTINISCHER STRAHLUNG HÄRTBARE PUVERSLURRIES, VERFAHREN ZU IHRER HERSTELLUNG UN DIHRE VERWENDUNG

Title (fr)

SUSPENSIONS PULVERULENTES DURCISSABLES THERMIQUEMENT ET PAR RAYONNEMENT ACTINIQUE, PROCEDE DE PRODUCTION ET UTILISATION

Publication

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Application

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Abstract (en)

[origin: WO02079290A1] The invention relates to powder slurries which can be hardened thermally and by means of actinic radiation, and which contain solid and/or highly viscous particles which are dimensionally stable under conditions of storage and use. Said particles contain (A) a binding agent which is free of carbon-carbon double bonds which can be activated by means of actinic radiation, said binding agent containing at least one (meth)acrylate copolymer having a statistical mean of at least one isocyanate-reactive functional group and at least one ionic group in the molecule, (B) at least one blocked and/or unblocked polyisocyanate, and (C) at least one olefinically unsaturated constituent which is free of isocyanate-reactive functional groups and has a statistical mean of more than four carbon-carbon double bonds which can be activated by means of actinic radiation in the molecule, and at least one hardening segment in the molecule. The invention also relates to a method for producing said slurries and the use of the same.

IPC 1-7

**C08G 18/08**; C08G 18/62; C08G 18/80; C09D 175/16

IPC 8 full level

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CPC (source: EP US)

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