

Title (en)

SOLVENT-BASED PRETREATMENT AGENT HAVING IMPROVED ADHESION TO RESIDUAL ADHESIVE BEADS

Title (de)

LÖSUNGSMITTELBASIERTES VORBEHANDLUNGSMITTEL MIT VERBESSERTER ADHÄSION AUF KLEBSTOFF-RESTRAPEN

Title (fr)

AGENT DE PRÉTRAITEMENT À BASE DE SOLVANT À ADHÉRENCE AMÉLIORÉE VIS-À-VIS DE CORDONS DE COLLE RÉSIDUELS

Publication

EP 4077559 A1 20221026 (DE)

Application

EP 20824241 A 20201215

Priority

- EP 19216864 A 20191217
- EP 2020086214 W 20201215

Abstract (en)

[origin: WO2021122593A1] The present invention relates to a pretreatment agent for bonding operations, containing i) between 10 and 30 parts by weight of at least one polyurethane polymer PU containing isocyanate groups, obtained by reacting at least one poly(meth)acrylate polyol P and at least one polyisocyanate I1, with the proviso that the poly(meth)acrylate polyol P has an OH number of at least 35, and the polyurethane polymer PU has an NCO content of between 2.0 and 25.0 wt.% in relation to the polyurethane polymer PU; ii) 0.1 to 10 parts by weight of at least one organosilane OS; iii) 0 to 10 parts by weight of at least one further polyisocyanate I2; iv) 60 to 90 parts by weight of a solvent L; v) 0 to parts by weight of a carbon black; vi) 0 to 10 parts by weight of a pyrogenic hydrophobic silica. The pretreatment agent according to the invention has particularly good properties to allow very good adhesion of an adhesive to many substrates, in particular glass, ceramic, paint, and old residual adhesive beads. Furthermore, the pretreatment agent can be formulated to be clear and transparent and largely colourless.

IPC 8 full level

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C-Set (source: EP)

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Citation (search report)

See references of WO 2021122593A1

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