

Title (en)
THIOL URETHANE GROUP-CONTAINING POLYMERIZABLE COMPOSITION

Title (de)
THIOLURETHAN-GRUPPEN ENTHALTENDE POLYMERISIERBARE ZUSAMMENSETZUNG

Title (fr)
COMPOSITION POLYMÉRISABLE CONTENANT UN GROUPE THIOL URÉTHANE

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Application
EP 22732030 A 20220525

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Abstract (en)
[origin: WO2022248546A1] The invention relates to a polymerizable composition comprising 0.01 to 90 wt.% of at least one inorganic filler component, 5 to 99.97 wt.% of at least two urethane acrylates, wherein one urethane acrylate corresponds to formula I, and the second urethane acrylate has at least one bifunctional thiol urethane group and at least one olefinic group as well as mixtures of urethane acrylates comprising same, 0.01 to 25 wt.% of at least one di-, tri-, tetra-, or multifunctional monomer with at least one ether group, thioether group, and at least trifunctional triester and/or a difunctional diester, said diester being selected from tricyclodecane dimethanol dimethacrylate and tricyclodecane dimethanol diacrylate or mixtures of said di-, tri-, tetra-, or multifunctional monomers, and 0.01 to 10 wt.% of at least one initiator, an initiator system, and optionally at least one stabilizer, and optionally at least one pigment. The total composition of the polymerizable composition equals 100 wt.%.

IPC 8 full level
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C-Set (source: EP)
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3. **C08K 3/16** + **C08L 33/14**
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5. **A61K 6/887** + **C08L 33/10**
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