

Title (en)
TRIMETHYLOLPROPANE DERIVATIVES

Title (de)
TRIMETHYLOLPROPAN-DERIVATE

Title (fr)
DÉRIVÉS DE TRIMÉTHYLOLPROPANE

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Application
EP 17714461 A 20170330

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Abstract (en)
[origin: WO2017174436A1] The invention relates to trimethylolpropane derivatives (I) which can be obtained by reacting compositions (II) with (meth)acrylic acid, said compositions (II) being compositions which can be obtained by attaching ethylene oxide to trimethylolpropane, wherein the compositions (II) have an HV (hydroxyl value) ranging from 538 to 572 mg KOH/g, measured according to DIN 53240. The reaction ratios of the reactants when reacting the compositions (II) with (meth)acrylic acid are set such that 0.8 to 1.3 mol of (meth)acrylic acid is used per mol of OH groups of the compositions (II). The compounds (I) are suitable for coating the surfaces of solids substrates, such as wood and paper for example.

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