

Title (en)

ACRYLATE POLYMERS BASED ON TERT.-BUTYL ACRYLATE WHICH ARE TO BE USED IN SPRAY FORMULATIONS

Title (de)

ACRYLAT-POLYMERISATE AUF BASIS VON TERT.-BUTYLACRYLAT ZUR VERWENDUNG IN SPRAYFORMULIERUNGEN

Title (fr)

POLYMERES D'ACRYLATE A BASE D'ACRYLATE DE BUTYLE TERTIAIRE, DESTINES A ETRE UTILISES DANS DES FORMULATIONS DE SPRAYS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005068520A1] The invention relates to polymers which can be obtained by radical polymerisation of a) 30 - 99 wt.-% tert.-butyl acrylate and/or tert.-butyl methacrylate as monomers A, b) 1 - 70 wt.-% acrylic acid and/or methacrylic acid as monomers B and c) 0 - 12 wt.-% of a radically copolymerisable monomer or a radically copolymerisable monomer mixture as monomer C, whereby at least one of the monomers C provides forms a homopolymer having a glass transition temperature of less than 30 DEG C, under the proviso that the total wt. % is 100. The K-value of the polymers is between 27 and 38 and polymerisation is carried out in the presence of a regulator when the K-value of the polymer is less than or equal to 35. The invention also relates to the use of said polymers in preparations used, especially, in cosmetics and oral hygiene.

IPC 8 full level

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