

Title (en)

METHOD FOR PRODUCING POLY- OR MONOMETHYLOL ALKANOIC ACIDS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON POLY- ODER MONOMETHYLOLALKANSÄUREN

Title (fr)

PROCEDE DE PRODUCTION D'ACIDES D'ALCANE DE POLYMETHYLOL OU D'ALCANE DE MONOMETHYLOL

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Application

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Abstract (en)

[origin: WO0238527A1] The invention relates to a method for producing poly- or monomethylol alkanolic acids of general formula (I), R being the same or different and meaning a substituted or unsubstituted aliphatic hydrocarbon with 1 to 22 C-atoms or a methylol group; from the corresponding poly- or monomethylol alkanals of general formula (II), R having the meaning above, by oxidation with hydrogen peroxide. The poly- or monomethylol alkanal of general formula (II) used in the reaction has an overall content of metal ions of groups 3 to 14 of the periodic table of up to 5 ppm. The method is used especially for producing dimethylol alkanolic acids from the corresponding dimethylol alkanals, especially for producing dimethylol butanal or dimethylol propanal.

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