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(54) **Title:** PROCESS FOR PRODUCTION OF AN ALKYL METHACRYLATE

(57) **Abstract:** A process for the production of an alkyl methacrylate, particularly methyl methacrylate, is provided, in which a Baeyer-Villiger Monooxygenase enzyme is used to convert an alkylisopropenylketone substrate to the relevant alkyl methacrylate by abnormal asymmetric oxygen insertion. The invention provides a biobased route to key industrial monomers in particular for the generation of polymers such as poly methyl methacrylate.



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