

Title (en)
INTEGRATED PROCESS AND APPARATUS FOR PREPARING ESTERS OF METHACRYLIC ACID FROM ACETONE AND HYDROCYANIC ACID

Title (de)
INTEGRIERTES VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON METHACRYLSÄUREESTERN AUS ACETON UND BLAUSÄURE

Title (fr)
PROCEDE INTEGRE ET DISPOSITIF POUR LA FABRICATION D'ESTERS D'ACIDE METHACRYLIQUE A PARTIR D'ACETONE ET D'ACIDE CYANHYDRIQUE

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Application
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Abstract (en)
[origin: WO2008068064A1] The subject-matter of the present invention relates in principle to a process for preparing alkyl esters of methacrylic acid, comprising at least the following steps: preparing acetone cyanohydrin from hydrocyanic acid and acetone in a first step, purifying the acetone cyanohydrin in a second step, preparing methacrylamide from acetone cyanohydrin in a third step, esterifying a reaction mixture comprising methacrylamide and at least one alkyl alcohol in the presence of a mixture of water and sulphuric acid to give alkyl methacrylates in a fourth step, and purifying the alkyl methacrylate in at least one further step, and also to an apparatus for performing this process.

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Citation (search report)
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Cited by
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