

METHOD FOR PRODUCING BIORESOURCED ACRYLIC ACID FROM GLYCEROL

ABSTRACT

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An aim of the present invention is to produce, from glycerol, a bioresourced acrylic acid, that is to say an acrylic acid essentially based on a carbon source of natural origin, meeting all the quality criteria of monomers customarily used as starting material in processes for polymerization of acrylic acid and of its esters, via an economical process.

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The process according to the invention comprises a final stage of extraction of acrylic acid by fractional crystallization applied to one of the effluents resulting from the acrylic acid purification chain, the location of this final stage possibly depending on the initial feedstock treated, the nature and the source of the glycerol used in the process, purity specifications to be achieved for the final acrylic acid, or finally economic

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criteria.

No suitable figure.