

ABSTRACT

METHODS FOR HYDROXYCARBONYLATING PENTENOIC ACIDS

A method for hydroxycarbonylating pentenoic acids, wherein one or more pentenoic acids are hydroxycarbonlated into adipic acid with carbon monoxide and water in the presence of an iridium and/or rhodium based catalyst and at least one iodated promoter; the resulting reaction mixture is defined, optionally after having been concentrated, to separate at least a portion of the catalyst; and the catalyst thus separated is recycled in a pentenoic acid, butadiene or butadiene derivative hydroxycarbonylation process.

This Sheet Has Been Replaced



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