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ABSTRACT OF THE DISCLOSURE

POLYALKENE-SUBSTITUTED CARBOXYLIC ACID COMPOSITIONS
HAVING REDUCED CHLORINE CONTENT

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The residual chlorine content of a polyolefin-substituted carboxylic acylating agent formed by a chlorine-assisted reaction of a polyolefin and an α , β -unsaturated carboxylic reactant can be reduced by heating the polyolefin-substituted carboxylic acylating agent having a residual chlorine content in the presence of an α , β -
10 unsaturated carboxylic reactant, optionally in the further presence of a sulfonic acid. Residual chlorine content can be further reduced by using, in the reaction of the polyolefin α , β -unsaturated carboxylic reactant, a high speed mixer provided with a dual pitch blade.



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