

Title (en)

A PROCESS FOR REDUCING GLYCIDOL AND GLYCIDYL ESTERS IN MONOGLYCERIDES AND/OR DIGLYCERIDES

Title (de)

VERFAHREN ZUR REDUKTION VON GLYCIDOL UND GLYCIDYLESTERN IN MONOGLYCERIDEN UND/ODER DIGLYCERIDEN

Title (fr)

PROCÉDÉ PERMETTANT DE RÉDUIRE LES ESTERS DE GLYCIDOL ET DE GLYCIDYLE DANS DES MONOGLYCÉRIDES ET/OU DES DIGLYCÉRIDES

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Abstract (en)

The present invention relates to a process for reducing the level of glycidol and/or glycidyl esters in a preparation of monoglycerides and/or diglycerides prepared by transesterification between glycerol and triglycerides or direct esterification between glycerol and fatty acids. The process comprises least a first holding step in which reaction products from said transesterification or direct esterification are maintained at a temperature in the range of 140-210°C for a period of time (the holding time) in the range of 10-90 minutes, or at a temperature in the range of 70-130°C for a period of time (the holding time) in the range of 1-14 days, in a separate temperature-controlled unit.

IPC 8 full level

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Citation (applicant)

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