

Process for the separation of oligomeric by-products from an isomerization catalyst

Summary

- 5 A process for the separation of a catalyst from a mixture containing oligomers of vinyl oxirane, as is formed during isomerization to 2,5-dihydrofuran and from which virtually all of the low boilers have been removed, by distillation, wherein the mixture of the oligomers with a catalyst, essentially comprising
- 10 a) an onium iodide,
- b) a Lewis acid selected from the group consisting of the chloride, bromide or iodide of cobalt, bismuth, tin or zinc and optionally
- 15 c) a donor ligand
- (1) is thoroughly mixed with a hydrocarbon or chlorinated hydrocarbon containing from 5 to 14 carbon atoms,
- 20 (2) the phase containing the catalyst is separated from the resulting 2 phases and
- (3) the catalyst is isolated by distilling off the solvent.