

Abstract

Process for producing cyclosiloxanes from silicone waste

- 5 The invention relates to a process for producing at least one cyclosiloxane by catalyzed depolymerization of silicone waste comprising or consisting of the steps:
- (i) dissolving at least a portion of the silicone waste in at least one solvent containing or consisting of at least one aliphatic hydrocarbon (K) using at least one depolymerization catalyst (D1),
 - (ii) optionally deactivating the at least one depolymerization catalyst (D1) and adding at least one
10 further depolymerization catalyst (D2),
 - (iii) distillative removal of the at least one cyclosiloxane from the mixture,
- characterized in that the at least one aliphatic hydrocarbon (K) comprises at least 16 carbon atoms.

[No figure]