

METHOD TO PREPARE NONYLATED DIPHENYLAMINE USING RECYCLE AND SEQUENTIAL TEMPERATURES

ABSTRACT

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The present invention relates to a process for preparing nonylated diphenylamines which improves nonene usage by recycling and reusing stripped nonene from an earlier process. The process comprising consecutive recycle of recovered nonene is conducted at a sequential two step temperature reaction, namely a more severe
10 temperature followed by a lower temperature. The product prepared by this process is a useful antioxidant for lubricating oil compositions.

(no suitable figure)