

Separation of pentene nitrile isomers

Abstract

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A process is provided for the distillative separation of pentene nitrile isomers which have a relative volatility α ranging from 1.0 to 1.3 in the pressure range from 1 to 500 kPa, wherein the distillation is carried out in the presence of a liquid
10 diluent which forms with the pentene nitrile isomers, under the same pressure conditions, azeotropes whose relative volatility α is higher than that of the pentene nitrile isomers to be separated.

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