

Abstract

METHOD FOR PURIFYING ACETONITRILE

Provided is a method for purifying acetonitrile, having a step of adding an alkali water-containing acetonitrile produced by an ammoxidation reaction to react the alkali with the water-containing acetonitrile; a step of subsequently feeding a resulting reaction mixture to a first distillation column; a step of separating a mixture obtained by further mixing an alkali with a resulting distillate into an acetonitrile phase and an aqueous phase; a step of subsequently separating the aqueous phase; and a step of feeding the acetonitrile phase to a second distillation column, wherein a distilled vapor from the second distillation column is used as a heat source for a reboiler of the first distillation column.

(No figure to accompany abstract)