

Title (en)
METHOD FOR PRODUCING DIESTERS OF TEREPHTHALIC ACID WITH ENRICHMENT OF RECIRCULATED ALCOHOL

Title (de)
VERFAHREN ZUR HERSTELLUNG VON TEREPHTHALSÄUREDIESTERN MIT RÜCKALKOHOL-ANREICHERUNG

Title (fr)
PROCÉDÉ DE PRÉPARATION DE DIESTERS D'ACIDE TÉRÉPHTALIQUE COMPORTANT UN ENRICHISSEMENT PAR RECYCLAGE DE L'ALCOOL

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Application
EP 15766174 A 20150921

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Abstract (en)
[origin: WO2016046120A1] The present invention relates to a method for producing a diester of terephthalic acid by reacting terephthalic acid with at least one alcohol. In said method, terephthalic acid is suspended in the alcohol in a dispersion tank, the pre-suspension is conducted from the dispersion tank into a reactor and is reacted in the presence of an esterification catalyst. Reaction water is distilled off with the vapors in the form of an alcohol-water azeotrope, the vapors are at least partially condensed, the condensate is separated into an aqueous phase and an organic phase and the organic phase is conducted over a column in which at least part of the vapors is conducted in a counter-current to the organic phase, and the organic phase is collected in the lower region of the column and is at least partially conducted into the dispersion tank.

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