

ABSTRACT

METHOD FOR SEPARATING DIMETHYL CARBONATE FROM METHANOL

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A method for separating dimethyl carbonate from methanol is disclosed. The method includes subjecting a raw material containing dimethyl carbonate and methanol to extractive distillation, wherein an extractant comprising a compound
10 having a general formula of $\text{CH}_3\text{O}(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_3$, n being an integer of 2-8, is used in the extractive distillation. The method has the advantages of good separation effect, high product purity, and environmental friendly.

(Fig. 3)