

Title (en)

METHOD FOR PRODUCING AND PURIFYING 2,3,3,3-TETRAFLUORO-1-PROPENE

Title (de)

VERFAHREN ZUR HERSTELLUNG UND REINIGUNG VON 2,3,3,3-TETRAFLUOR-1-PROPEN

Title (fr)

PROCEDE DE PRODUCTION ET DE PURIFICATION DU 2,3,3,3-TETRAFLUORO-1-PROPENE

Publication

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Application

EP 16809820 A 20161214

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Abstract (en)

[origin: WO2017108522A1] The present invention concerns a method for producing and purifying 2,3,3,3-tetrafluoro-1-propene (1234yf) from a first composition comprising 2,3,3,3-tetrafluoro-1-propene and chloromethane (40), said method comprising the steps of: (a) bringing said first composition into contact with at least one organic extractant in order to form a second composition; (b) extractive distillation of said second composition in order to form (i) a third composition comprising said organic extractant and chloromethane (40); and (ii) a stream comprising 2,3,3,3-tetrafluoro-1-propene (1234yf); (c) recovering and separating said third composition, preferably by distillation, in order to form a stream comprising said organic extractant and a stream comprising chloromethane (40).

IPC 8 full level

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