

ABSTRACT

- Disclosed is a method for separating a plurality of chemical components (Cx) from a chemical mixture (M1-M4) comprising a plurality of fluorinated fluids, the method
- 5 comprising:
- a step of identifying (E2), in the chemical mixture (M1-M4), at least two sub-mixtures (N1-N5), each complex sub-mixture (N1-N5) being associated either with a first group (G1) for secondary pressure swing distillation or with a second group (G2) for secondary extractive distillation,
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- a step of primary distillation (E3), using a main column (1), so as to separate each identified sub-mixture (N1-N5),
 - a secondary distillation step (E4), using the same advanced unit of two auxiliary columns, for distilling each complex sub-mixture (N1-N5), the complex sub-mixtures (N1-N5) of the first group (G1) being separated by the pressure swing distillation
- 15 method and the complex sub-mixtures (N1-N5) of the second group (G2) being separated by the extractive distillation method.

[Fig. 3]