Title (en)

METHOD FOR PRODUCING TETRAFLUOROPROPENE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON TETRAFLUORPROPEN

Title (fr)

PROCEDE DE FABRICATION DE TETRAFLUOROPROPENE

Publication

EP 3458437 A1 20190327 (FR)

Application

EP 17731203 A 20170517

Priority

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Abstract (en)

[origin: WO2017198947A1] The present invention concerns a method for preparing tetrafluoropropene utilising three reactors and comprising the steps of (a) implementing, in the first and second reactors, at least one step of reacting, in the gas phase, a compound B in the presence of hydrofluoric acid and a catalyst, in alternation with a step of regenerating the catalyst by bringing it into contact with a regeneration flow comprising an oxidising agent, (b) implementing, in the third reactor, a preliminary step of producing the compound B, in alternation with a step of regenerating the preliminary catalyst with a regeneration flow comprising an oxidising agent. The step of regenerating the preliminary catalyst in the third reactor is implemented in the absence of a step of reacting the compound B in the presence of hydrofluoric acid in said first and second reactors. The present invention also concerns a facility configured to implement the present method.

IPC 8 full level

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Citation (search report)

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