

Title (en)

METHOD FOR PRODUCING 2,3,3,3-TETRAFLUOROPROPENE AND FACILITY FOR IMPLEMENTING SAID METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG VON 2,3,3,3-TETRAFLUORPROPEN UND ANLAGE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE PRODUCTION DE 2,3,3,3-TETRAFLUOROPROPENE ET INSTALLATION POUR LA MISE EN OEUVRE DE CELUI-CI

Publication

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Application

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Abstract (en)

[origin: WO2019239039A1] The present invention relates to a method for producing 2,3,3,3-tetrafluoropropene comprising the steps of: i) providing a flow A comprising at least one starting compound selected from the group consisting of 2-chloro-3,3,3-trifluoropropene and 2,3-dichloro-1,1,1-trifluoropropane; and ii) in an adiabatic reactor having a fixed bed composed of an inlet and an outlet, contacting said a flow A with HF in the presence or absence of a catalyst to produce a flow B comprising 2,3,3,3-tetrafluoropropene, characterized in that the temperature at the inlet of the fixed bed of the adiabatic reactor is between 300°C and 400°C and the longitudinal temperature difference between the inlet of the fixed bed and the outlet of the fixed bed of said reactor is less than 20°C.

IPC 8 full level

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Citation (search report)

See references of WO 2019239039A1

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