

Title (en)
METHOD FOR PRODUCING FLUORINATED COMPOUNDS

Title (de)
VERFAHREN ZUR HERSTELLUNG FLUORIERTER VERBINDUNGEN

Title (fr)
PROCEDE DE PRODUCTION DE COMPOSES FLUORES

Publication
EP 3707116 A1 20200916 (FR)

Application
EP 18808448 A 20181105

Priority
• FR 1760376 A 20171106
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Abstract (en)
[origin: WO2019086816A1] The present invention concerns a method for producing a fluorinated compound comprising the steps of providing a gas stream comprising hydrofluoric acid; providing at least one liquid stream of a chlorinated compound; spraying said at least one liquid stream of a chlorinated compound in order to form droplets; vaporising said droplets produced in step c) by mixing with said gas stream, the resulting mixture being a gaseous mixture; catalytically reacting the chlorinated compound with the hydrofluoric acid in the gas phase and collecting a product stream; characterised in that the droplets produced in step c) have an average diameter smaller than 500 µm. The invention also relates to a facility suitable for implementing this method. 2

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