

Title (en)

PROCESS FOR THE CHLORINATION OF HYDROCARBONS

Title (de)

VERFAHREN ZUR CHLORIERUNG VON KOHLENWASSERSTOFFEN

Title (fr)

PROCEDE DE CHLORATION D'HYDROCARBURES

Publication

EP 0779882 A4 19971229 (EN)

Application

EP 95930989 A 19950829

Priority

- US 9510925 W 19950829
- US 30311494 A 19940907
- US 50029995 A 19950710

Abstract (en)

[origin: WO9607626A1] A process is provided for the chlorination of aliphatic hydrocarbons containing 1 to 4 carbon atoms using hydrogen chloride as the source of chlorine. The process comprises reaction steps operated in tandem in separate zones. First, an unsaturated aliphatic fluorocarbon is oxychlorinated to give the corresponding saturated perchlorofluorocarbon and water, and second, the saturated perchlorofluorocarbon is reacted in the vapor phase with a hydrocarbon to produce the desired chlorinated hydrocarbon.

IPC 1-7

C07C 17/10; **C07C 17/158**

IPC 8 full level

C07C 17/00 (2006.01); **C07C 17/10** (2006.01); **C07C 17/154** (2006.01); **C07C 17/158** (2006.01); **C07C 17/395** (2006.01); **C07C 19/01** (2006.01); **C07C 19/03** (2006.01)

CPC (source: EP)

C07C 17/00 (2013.01); **C07C 17/10** (2013.01); **C07C 17/154** (2013.01); **C07C 17/158** (2013.01); **C07C 17/395** (2013.01); **C07C 19/01** (2013.01); **C07C 19/03** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9607626A1

Designated contracting state (EPC)

AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)

WO 9607626 A1 19960314; AU 3418195 A 19960327; EP 0779882 A1 19970625; EP 0779882 A4 19971229

DOCDB simple family (application)

US 9510925 W 19950829; AU 3418195 A 19950829; EP 95930989 A 19950829