

Title (en)

Process for the chemical-thermal decomposition of halogenated hydrocarbons.

Title (de)

Verfahren zur chemisch-thermischen Zersetzung von Halogenkohlenwasserstoffen.

Title (fr)

Procédé pour la décomposition chimique-thermique des hydrocarbures halogénés.

Publication

**EP 0204910 A1 19861217 (DE)**

Application

**EP 86104351 A 19860329**

Priority

DE 3517019 A 19850511

Abstract (en)

[origin: US4937065A] Halogenated hydrocarbons are reacted in a reactor at temperatures up to 1000 DEG C. with greater-than-stoichiometric amounts of calcium and/or magnesium silicates in a reactor for the chemical-thermal degradation of the halogenated hydrocarbons. Neither dioxins nor furans are formed in the waste gas in this process.

Abstract (de)

Zur chemisch-thermischen Zersetzung von Halogenkohlenwasserstoffen werden diese bei Temperaturen bis 100° C mit überstöchiometrischen Mengen von Calcium- und/oder Magnesiumsilikaten in einem Reaktor umgesetzt. Es entstehen hierbei weder Dioxine noch Furane im Abgas.

IPC 1-7

**A62D 3/00**

IPC 8 full level

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Citation (search report)

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- [A] DE 3416965 A1 19851114 - KITAMURA GOKIN SEISAKUSHO [JP]
- [A] DE 3004968 A1 19810820 - DEARDORFF PAUL A, et al
- [A] DESTRUCTION TECHNOLOGIES FOR POLYCHLORINATED BIPHENYLS (PCBs), Economic and Technical Review, Report EPS 3-EC-83-1, Februar 1983, Seite 26-29,78-81, Ottawa, CA; M.M. DILLON: "Environmental protection service"

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

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**US 4937065 A 19900626**; AT E35910 T1 19880815; CA 1288441 C 19910903; DE 3517019 A1 19861113; DE 3517019 C2 19870326; DE 3660412 D1 19880901; EP 0204910 A1 19861217; EP 0204910 B1 19880727; ES 554801 A0 19880401; ES 8802119 A1 19880401; JP H0576313 B2 19931022; JP S61259683 A 19861117

DOCDB simple family (application)

**US 28193488 A 19881206**; AT 86104351 T 19860329; CA 508823 A 19860509; DE 3517019 A 19850511; DE 3660412 T 19860329; EP 86104351 A 19860329; ES 554801 A 19860509; JP 10689386 A 19860512