

Title (en)

PROCESS AND DEVICE FOR DISPOSING OF SUBSTANCES CONTAINING HALOGENATED HYDROCARBON COMPOUNDS.

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ENTSORGEN VON SUBSTANZEN, DIE HALOGENIERTE KOHLENWASSERSTOFFVERBINDUNGEN ENTHALTEN.

Title (fr)

PROCEDE ET DISPOSITIF D'ELIMINATION DE SUBSTANCES CONTENANT DES COMPOSES HYDROCARBURES HALOGENES.

Publication

EP 0506869 B1 19940803 (DE)

Application

EP 91902703 A 19901221

Priority

- DE 3942962 A 19891223
- EP 9002277 W 19901221

Abstract (en)

[origin: DE3942962A1] To dispose of liquid and gaseous substances containing halogenated hydrocarbon compounds and/or mixtures thereof, said substances are introduced in front of or into the flame of a gaseous or gasified fuel which forms water vapour on burning. The fuel is chosen and the flow rate of fuel, oxygen and the substances to be disposed of are adapted to each other so that free hydrogen is present in the waste gas and a temperature of at least 850 DEG C is reached. Water is sprayed into the hot stream of waste gas before the temperature of the waste gas falls below 800 DEG C. The sprayed water chills the waste gas stream to a temperature below 350 DEG C. The water-soluble, halogenated reaction products are then removed, together with the water vapour, by condensation.

IPC 1-7

A62D 3/00

IPC 8 full level

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CPC (source: EP)

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