

Title (en)

Method and Ocean-going vessel for offshore incineration of hazardous waste materials.

Title (de)

Verfahren und Schiff für die Verbrennung von gefährlichen Abfallstoffen auf offener See.

Title (fr)

Méthode et navire pour l'incinération en mer de produits dangereux.

Publication

**EP 0193628 A1 19860910 (EN)**

Application

**EP 85102388 A 19850304**

Priority

EP 85102388 A 19850304

Abstract (en)

A method and an ocean-going vessel are disclosed for more effectively incinerating hazardous liquid wastes at sea. Intermodal shipping tank containers (12) are filled at waste generation sites; transported to dockside and loaded above decks on an incinerator ship (15); taken out to sea and incinerated in horizontal, liquid burning type incinerators (17) so that the effluents emerge horizontally. Wastes flow by gravity from containers (12) into staging sumps (217) located below decks, and then pumped to incinerator. Pollution abatement tanks, (206) also below decks, collect spilled waste from containers, as well as overflow from staging sumps. Material collected in abatement tanks is pumped into staging sump, and pumped to incinerator. Fuel oil may be introduced into sumps for fueling incinerators to maintain incinerator operation when there is insufficient supply of waste. Effluents are sea-water scrubbed for cooling to eliminate thermal lift and carried promptly into sea.

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**B63B 35/44; F23G 7/00**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DE 2128376 A1 19730215 - RUHNKE SIEGFRIED
- [A] DE 3325078 A1 19850124 - KREYENBERG HEINER
- [A] US 2442686 A 19480601 - GUERCHOUX CHARLES S
- [A] GB 2018963 A 19791024 - WESER AG

Cited by

CN1066404C; DE102009002455A1; EP0384348A3; WO03084809A1; WO9636529A1; WO2022268687A1

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