

Title (en)

FLAMELESS THERMAL OXIDATION APPARATUS AND METHODS

Title (de)

VORRICHTUNGEN UND VERFAHREN ZUR FLAMMENLOSEN THERMISCHEN OXIDATION

Title (fr)

APPAREILS ET PROCÉDÉS D'OXYDATION THERMIQUE SANS FLAMME

Publication

**EP 2227654 A1 20100915 (EN)**

Application

**EP 08853951 A 20081125**

Priority

- US 2008084637 W 20081125
- US 94577507 A 20071127
- US 27336708 A 20081118

Abstract (en)

[origin: US2009133854A1] A thermal oxidizer is provided in which off-gases in a process stream are thermally oxidized within substantially the entire interior volume of an oxidation chamber. The thermal oxidation is conducted without the presence of a flame or with only a minor portion of one or more fuels being combusted in a flame.

IPC 8 full level

**F23D 3/00** (2006.01)

CPC (source: EP US)

**F23G 7/066** (2013.01 - EP US); **F23C 2900/99001** (2013.01 - EP US); **Y02E 20/34** (2013.01 - EP US)

Citation (search report)

See references of WO 2009070563A1

Designated contracting state (EPC)

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