

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

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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

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