

Title (en)

OXYGEN-CONTAINING NOXIOUS GASES TRAP

Title (de)

FALLE FÜR SAUERSTOFFHALTIGE SCHÄDLICHE GASE

Title (fr)

PIÈGE À GAZ NOCIFS CONTENANT DE L OXYGÈNE

Publication

EP 2321032 A1 20110518 (EN)

Application

EP 09780329 A 20090708

Priority

- EP 2009058684 W 20090708
- EP 08160029 A 20080709
- EP 09780329 A 20090708

Abstract (en)

[origin: EP2143477A1] Process and device for trapping oxygen-containing noxious gases from combustion gases. The process comprises a feeding of phosphorus into an heat exchange chamber, the reaction of said phosphorus with said oxygen of said oxygen-containing noxious gases and generating a second thermal energy, and a partial transformation of the second thermal energy into mechanical work and/or electrical energy into the heat exchange chamber.

IPC 8 full level

B01D 53/50 (2006.01); **B01D 53/60** (2006.01); **B01D 53/62** (2006.01); **C05B 13/00** (2006.01); **F23J 15/00** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2010003984A1

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Designated extension state (EPC)

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