

Title (en)

Linear coanda flare apparatus and methods of burning waste flammable gas

Title (de)

Coanda-Stabfackel und Verfahren zur Verbrennung von brennbaren Abgasen

Title (fr)

Torchère linéaire à effet Coanda et procédés de combustion de gaz résiduels inflammables

Publication

EP 1657490 A2 20060517 (EN)

Application

EP 05256432 A 20051017

Priority

US 98966504 A 20041116

Abstract (en)

Linear Coanda flare apparatus (18) for burning pressurized waste flammable gas are disclosed. The flare apparatus basically comprises an elongated closed end pipe (20) connected to a waste flammable gas supply pipe (22) and having an elongated linear opening therein (24); and an elongated flammable gas distributor trough (26) positioned adjacent to the elongated linear opening in the closed end pipe with the sides of the distributor trough being positioned adjacent to the outer curved surfaces of the closed end pipe thereby forming slots (27) that discharge pressurized waste flammable gas from inside the closed end pipe over the outer curved surfaces of the closed end pipe.

IPC 8 full level

F23G 7/08 (2006.01)

CPC (source: EP KR US)

F23G 7/06 (2013.01 - KR); **F23G 7/08** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1657490 A2 20060517; AR 051672 A1 20070131; AU 2005234612 A1 20060601; BR PI0505277 A 20060711; CA 2523116 A1 20060516; CN 1776298 A 20060524; JP 2006145197 A 20060608; KR 20060055332 A 20060523; MX PA05011474 A 20060518; TW 200624720 A 20060716; US 2006105276 A1 20060518

DOCDB simple family (application)

EP 05256432 A 20051017; AR P050104801 A 20051115; AU 2005234612 A 20051115; BR PI0505277 A 20051116; CA 2523116 A 20051012; CN 200510120189 A 20051115; JP 2005328654 A 20051114; KR 20050106887 A 20051109; MX PA05011474 A 20051025; TW 94136356 A 20051018; US 98966504 A 20041116