

Title (en)
SHROUDED-COANDA MULTIPHASE BURNER

Title (de)
MEHRPHASIGER UMHÜLLTER COANDA-BRENNER

Title (fr)
BRÛLEUR À PHASES MULTIPLES À EFFET COANDA À ÉCRANS

Publication
EP 2885579 A4 20150805 (EN)

Application
EP 12891401 A 20120816

Priority
RU 2012000675 W 20120816

Abstract (en)
[origin: WO2014027915A1] A gas flare disposed at an end of a supply pipe member for directing a gas flow to a head member, the flare including a slot for ejecting the gas flow and a shroud. The shroud surrounds the slot, at least part of the base member and at least part of the head member of the gas flare. The shroud directs the ejected gas flow between the shroud and the head member.

IPC 8 full level
F23D 14/20 (2006.01); **F23G 7/06** (2006.01); **F23G 7/08** (2006.01)

CPC (source: EP US)
F23D 14/22 (2013.01 - US); **F23D 14/62** (2013.01 - US); **F23G 7/08** (2013.01 - EP US); **F23G 7/085** (2013.01 - US)

Citation (search report)

- [XY] US 4021189 A 19770503 - SWANN FERRIS GEORGE, et al
- [X] US 2012183914 A1 20120719 - POE ROGER L [US], et al
- [X] US 4099908 A 19780711 - BECKMANN MARTIN JOSEF, et al
- [XY] GB 1303266 A 19730117
- [A] US 5364262 A 19941115 - PHILLIPS DOUGLAS E [US]
- [A] US 4634372 A 19870106 - ALLUM STEPHEN M [GB], et al
- See references of WO 2014027915A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014027915 A1 20140220; EP 2885579 A1 20150624; EP 2885579 A4 20150805; EP 2885579 B1 20170719; NO 2885579 T3 20171216; US 2015211735 A1 20150730

DOCDB simple family (application)
RU 2012000675 W 20120816; EP 12891401 A 20120816; NO 12891401 A 20120816; US 201214421985 A 20120816