

Title (en)
Fuel lance for a burner

Title (de)
Brennstofflanze für einen Brenner

Title (fr)
Lance de combustible pour un brûleur

Publication
EP 2196734 A1 20100616 (DE)

Application
EP 08171548 A 20081212

Priority
EP 08171548 A 20081212

Abstract (en)
The fuel lance has a tip (21) with a nozzle surface having two fuel injectors (7). The nozzle surface is provided with slots (33) between the fuel nozzles. The nozzle surface is a ring surface, and the slots are run perpendicular to a peripheral direction of the ring surface by the slots.

Abstract (de)
Brennstofflanze (5) für einen Brenner, insbesondere für einen Gasturbinenbrenner, mit einer Spitze (21), welche eine Düsenfläche (23) mit wenigstens zwei Brennstoffdüsen (7) aufweist, wobei die Düsenfläche zwischen den Brennstoffdüsen mit Schlitzten (33) versehen ist.

IPC 8 full level
F23R 3/28 (2006.01); **F23D 11/12** (2006.01); **F23D 11/38** (2006.01)

CPC (source: EP US)
F23D 11/12 (2013.01 - EP US); **F23D 11/38** (2013.01 - EP US); **F23R 3/283** (2013.01 - EP US); **F23D 2214/00** (2013.01 - EP US)

Citation (search report)
• [X] US 2001042798 A1 20011122 - GULATI SURESH T [US], et al
• [A] US 2006027232 A1 20060209 - PARKER DAVID [US], et al
• [A] EP 1760403 A2 20070307 - GEN ELECTRIC [US]
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DE102013208069A1; DE102019103640A1; DE102015222661A1

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2196734 A1 20100616; CN 102265091 A 20111130; CN 102265091 B 20140409; EP 2359065 A2 20110824; JP 2012511687 A 20120524; JP 5340410 B2 20131113; RU 2011128704 A 20130120; RU 2529970 C2 20141010; US 2011247338 A1 20111013; US 8973367 B2 20150310; WO 2010066516 A2 20100617; WO 2010066516 A3 20110421

DOCDB simple family (application)
EP 08171548 A 20081212; CN 200980149749 A 20091105; EP 09752330 A 20091105; EP 2009064664 W 20091105; JP 2011539985 A 20091105; RU 2011128704 A 20091105; US 200913133741 A 20091105