

Title (en)
Flame generating device

Title (de)
Feuerungseinrichtung

Title (fr)
Dispositif de génération de flammes

Publication
EP 2098781 A3 20110525 (DE)

Application
EP 09153707 A 20090226

Priority
DE 102008012794 A 20080305

Abstract (en)
[origin: EP2098781A2] The torch has flowing-/limiting elements (3a-3c) that are circular in shape and defined by a combustion chamber (2), where the device is cylindrical in shape. The limiting elements are spirally arranged to form a radial gap (6) and are made from fire-resistant glass. Flow openings with guiding elements are provided in the limiting elements. Fresh air flows tangentially into the chamber through the gap or the openings and is directed into the chamber in a circumferential direction for producing flame vortex (8).

IPC 8 full level
F23C 7/00 (2006.01); **F23D 3/40** (2006.01); **F23D 5/04** (2006.01)

CPC (source: EP)
F23C 7/006 (2013.01); **F23C 7/008** (2013.01); **F23D 3/40** (2013.01); **F23D 5/045** (2013.01); **F23C 2900/07002** (2013.01)

Citation (search report)

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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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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