

Title (en)
Oven muffler

Title (de)
Backofenmuffel

Title (fr)
Mouffle de four

Publication
EP 2128528 A3 20091230 (DE)

Application
EP 09003249 A 20090306

Priority
DE 102008025886 A 20080529

Abstract (en)
[origin: EP2128528A2] The muffler (10) has a retaining chamber limited by a bottom side (11), top side (12) and lateral and/or rear-side wall elements (13-15), where one of the wall elements is permeable for infrared (IR) radiations. A reflection element reflecting the radiations is arranged in the area of an external surface of the wall element, where the surface is turned away from the chamber. The wall element is made of glass or glass ceramic, and the reflection element is applied as a tin oxide coating, azo coating and indium tin oxide coating, and absorption elements are formed of imprinted ceramic colors.

IPC 8 full level
F24C 15/08 (2006.01); **F24C 7/06** (2006.01)

CPC (source: EP US)
F24C 7/06 (2013.01 - EP US); **F24C 15/08** (2013.01 - EP US)

Citation (search report)

- [XY] US 2003173348 A1 20030918 - BACKER MARTINA [DE], et al
- [DX] DE 3527958 A1 19870212 - LICENTIA GMBH [DE]
- [Y] WO 9707723 A1 19970306 - QUADLUX INC [US]
- [A] WO 8911773 A1 19891130 - QUADLUX INC [US]
- [DA] WO 0040912 A2 20000713 - QUADLUX INC [US]

Cited by
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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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2128528 A2 20091202; EP 2128528 A3 20091230; EP 2128528 B1 20160914; CN 101592346 A 20091202; CN 101592346 B 20140226; DE 102008025886 A1 20091203; JP 2009287915 A 20091210; JP 5517489 B2 20140611; US 2009301461 A1 20091210; US 8450653 B2 20130528

DOCDB simple family (application)
EP 09003249 A 20090306; CN 200910137711 A 20090427; DE 102008025886 A 20080529; JP 2009122987 A 20090521; US 45530609 A 20090529