

Title (en)
FURNACE BURNER

Title (de)
OFENBRENNER

Title (fr)
BRÛLEUR DE FOUR

Publication
EP 3480520 A1 20190508 (EN)

Application
EP 18193973 A 20180912

Priority
US 201715803455 A 20171103

Abstract (en)
A burner, comprising: an oxygen supply tube and a burner tip defining a concave face; wherein the burner tip defines a main oxygen nozzle having a parabolic shape.

IPC 8 full level
F23D 14/20 (2006.01); **F23D 14/32** (2006.01); **F23D 14/58** (2006.01)

CPC (source: EP)
F23D 14/20 (2013.01); **F23D 14/32** (2013.01); **F23D 14/58** (2013.01); **F23D 2900/21001** (2013.01)

Citation (search report)

- [A] US 2013086949 A1 20130411 - CHARBONNEAU MARK WILLIAM [US]
- [A] US 2016076764 A1 20160317 - HEGDE SUBRAY R [US], et al
- [A] US 5714113 A 19980203 - GITMAN GREGORY M [US], et al
- [A] US 2215079 A 19400917 - HESS FREDERIC O

Cited by
EP3710606A4

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)
EP 3480520 A1 20190508; EP 3480520 B1 20200805

DOCDB simple family (application)
EP 18193973 A 20180912