

Title (en)
PILOT STABILIZED BURNER

Title (de)
PILOTSTABILISIERTER BRENNER

Title (fr)
BRÛLEUR PILOTE STABILISÉ

Publication
EP 3966503 A4 20230607 (EN)

Application
EP 20803052 A 20200507

Priority
• US 201962844669 P 20190507
• US 202016782861 A 20200205
• US 2020031966 W 20200507

Abstract (en)
[origin: WO2020227581A1] According to an embodiment, a burner system includes a pilot burner disposed in a furnace at a distal position along a main fuel and combustion air flow axis, and one or more main fuel nozzles disposed at a proximal position along the main fuel and combustion air flow axis. The pilot burner is configured to support a pilot flame and the one or more main fuel nozzles are configured to support a main flame in contact with the pilot flame. The pilot burner is disposed to cause the main fuel and combustion air to be ignited by the pilot flame.

IPC 8 full level
F23D 14/26 (2006.01); **F23D 11/40** (2006.01); **F23D 14/22** (2006.01); **F23D 14/58** (2006.01)

CPC (source: CN EP)
F23D 11/406 (2013.01 - EP); **F23D 14/02** (2013.01 - CN); **F23D 14/22** (2013.01 - EP); **F23D 14/26** (2013.01 - EP);
F23D 14/58 (2013.01 - EP); **F23D 14/62** (2013.01 - CN); **F23N 1/002** (2013.01 - CN); **F23N 3/005** (2013.01 - CN); **F23N 5/105** (2013.01 - CN);
F23D 2900/00014 (2013.01 - EP)

Citation (search report)
• [XYI] US 5551869 A 19960903 - BRAIS NORMAND [CA], et al
• [X] WO 2018236762 A1 20181227 - CLEARSIGN COMB CORP [US]
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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

DOCDB simple family (publication)
WO 2020227581 A1 20201112; CN 113795713 A 20211214; EP 3966503 A1 20220316; EP 3966503 A4 20230607

DOCDB simple family (application)
US 2020031966 W 20200507; CN 202080034369 A 20200507; EP 20803052 A 20200507