

Title (en)

PILOT BURNER FOR A BURNER ASSEMBLY, BURNER ASSEMBLY INCLUDING SAID PILOT BURNER, AND METHOD FOR OPERATING SAID PILOT BURNER

Title (de)

PILOTBRENNER FÜR EINE BRENNERANORDNUNG, BRENNERANORDNUNG MIT DEM PILOTBRENNER UND VERFAHREN ZUM BETRIEB DES PILOTBRENNERS

Title (fr)

BRÛLEUR PILOTE POUR UN ENSEMBLE BRÛLEUR, ENSEMBLE BRÛLEUR COMPRENANT LEDIT BRÛLEUR PILOTE ET PROCÉDÉ DE FONCTIONNEMENT DUDIT BRÛLEUR PILOTE

Publication

**EP 4286746 A1 20231206 (EN)**

Application

**EP 23176298 A 20230531**

Priority

IT 202200011549 A 20220531

Abstract (en)

A pilot torch for a burner assembly (1) comprises:• a main duct (20) extending along a longitudinal axis (A) through which a flow of fuel flows in a direction (D); the main duct (20) comprising, at one end thereof, an exhaust wall (28) provided with at least one exhaust nozzle (29); and• an auxiliary duct (21) through which a flow of compressed air flows; the auxiliary duct (21) being provided with at least one outlet (42), which faces into the main duct (20) .

IPC 8 full level

**F23D 14/02** (2006.01); **F23D 14/62** (2006.01)

CPC (source: EP)

**F23D 14/02** (2013.01); **F23D 14/62** (2013.01); **F23D 2209/20** (2013.01); **F23D 2900/00015** (2013.01)

Citation (search report)

- [XI] GB 2274510 A 19940727 - RIEDHAMMER GMBH CO KG [DE]
- [X] US 2015253011 A1 20150910 - UHM JONG HO [KR], et al
- [X] US 2011252803 A1 20111020 - SUBRAMANIAN KARTHIK [US], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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Designated validation state (EPC)

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