

Title (en)  
IMPROVED MODULAR BURNER

Title (de)  
VERBESSERTER MODULARER BRENNER

Title (fr)  
BRÛLEUR MODULAIRE AMÉLIORÉ

Publication  
**EP 3901518 A1 20211027 (EN)**

Application  
**EP 21170052 A 20210423**

Priority  
IT 202000008749 A 20200423

Abstract (en)  
A modular burner comprising a plurality of mixer modules (10), positioned side by side and parallel to a longitudinal plane (Y), each of which has a length (L) measured parallel to the longitudinal plane (Y), and an emission surface (14) that has a width (D), measured perpendicularly to the longitudinal plane (Y), and wherein two adjacent emission surfaces (14) are separated by a distance (S), measured perpendicularly to the longitudinal plane (Y). The ratio between the distance (S) and the width (D) is comprised between 0.4 and 0.7.

IPC 8 full level  
**F23D 14/04** (2006.01); **F23D 14/08** (2006.01); **F23D 14/46** (2006.01)

CPC (source: CN EP)  
**F23D 14/02** (2013.01 - CN); **F23D 14/045** (2013.01 - EP); **F23D 14/08** (2013.01 - EP); **F23D 14/46** (2013.01 - EP); **F23D 14/62** (2013.01 - CN); **F24H 9/1836** (2013.01 - CN)

Citation (applicant)  
IT 201800005589 A1 20191122

Citation (search report)  
• [XYI] EP 1130315 A2 20010905 - BOSCH GMBH ROBERT [DE]  
• [Y] WO 2005059437 A1 20050630 - WORGAS BRUCIATORI SRL [IT], et al  
• [A] DE 9112869 U1 19911219

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 3901518 A1 20211027**; **EP 3901518 B1 20230906**; CN 113551419 A 20211026; IT 202000008749 A1 20211023

DOCDB simple family (application)  
**EP 21170052 A 20210423**; CN 202110437087 A 20210422; IT 202000008749 A 20200423