

Title (en)
IMPROVED MODULAR BURNER

Title (de)
VERBESSERTER MODULARER BRENNER

Title (fr)
BRÛLEUR MODULAIRE AMÉLIORÉ

Publication
EP 3901518 B1 20230906 (EN)

Application
EP 21170052 A 20210423

Priority
IT 202000008749 A 20200423

Abstract (en)
[origin: EP3901518A1] 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)

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)
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