

Title (en)
BURNER FOR INDUSTRIAL KILNS, DRYERS AND THE LIKE

Title (de)
BRENNER FÜR INDUSTRIEÖFEN, TROCKNER UND DERGLEICHEN

Title (fr)
BRÛLEUR POUR FOURS INDUSTRIELS, SÉCHOIRS ET SIMILAIRES

Publication
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Application
EP 19756253 A 20190709

Priority

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- IT 201800007091 A 20180710

Abstract (en)
[origin: WO2020012347A1] A burner (1) for industrial kilns, dryers and the like, comprising one body (2) provided with a first passageway (12) for the supply of combustion primary air, ending up in a first outlet section (13), one collector (16) for the supply of fuel, provided with an end element (17) adapted to dispense the gas, surrounded by the first outlet section (13), ignition means (19) for the combustion of the fuel- oxidizing element mixture, and one nozzle (8), connected to the body (2), provided with an outflow port (36) from which the combustion products generated inside the burner are adapted to flow out. The body (2) comprises a second passageway (14) for the supply of combustion secondary air, ending up in a second outlet section (15) located at the periphery of the first outlet section (13); the first outlet section (13) and the second outlet section (15) are adapted to diffuse the primary air and the secondary air, respectively, inside the nozzle (8).

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