

Title (en)
PLATE GAS BURNER FOR BOILER

Title (de)
PLATTENGASBRENNER FÜR EINEN KESSEL

Title (fr)
BRÛLEUR À GAZ À PLAQUES POUR CHAUDIÈRE

Publication
EP 3303921 A1 20180411 (EN)

Application
EP 16732758 A 20160531

Priority

- IT UB20151251 A 20150604
- IB 2016053189 W 20160531

Abstract (en)
[origin: WO2016193904A1] A plate (3, 35) gas burner (1) for boilers comprises a plurality of plates (3, 35) arranged parallel to each other and defining a burner body (2), a gas manifold (6) being situated at one first end (5) of the burner body (2) and presenting a plurality of nozzles (15) placed in correspondence with openings (13) cut in the individual corresponding plates (3, 3F), at a second end (7) opposed to the first one (5) a diffuser (8) being arranged where a flame is generated thanks to the combustion of the gas coming from the plates (3, 3F), the latter being crossed by a water duct (43). In correspondence with opposed sides (26, 27) of the burner body (2) are present support elements (25) suitable for directly co-operating with corresponding nozzles (15) of the gas manifold (6) so as to support the latter, such co-operation binding said manifold (6) to the burner body (2).

IPC 8 full level
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CPC (source: CN EP)
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Citation (search report)
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Cited by
EP3795922A4; EP3795899A4; US11371698B2

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