

Title (en)
BOILER FOR THE HEATING OF FLUIDS

Title (de)
KESSEL ZUM ERHITZEN VON FLÜSSIGKEITEN

Title (fr)
CHAUDIÈRE POUR LE CHAUFFAGE DE FLUIDES

Publication
EP 3394512 A2 20181031 (EN)

Application
EP 16826462 A 20161221

Priority
• IT UB20159531 A 20151221
• IB 2016057857 W 20161221

Abstract (en)
[origin: WO2017109714A2] The boiler (1) for the heating of fluids comprises: a combustion chamber (2); - burner means (31) of a first combustible fluid (F1), substantially aeriform, and a second comburent fluid (F2), substantially aeriform, to obtain a third combustion fluid (F3) substantially aeriform, the burner means (31) being associated with the combustion chamber (2); heat exchange means (32) arranged inside the combustion chamber (2), the third combustion fluid (F3) lapping the heat exchange means (32) for the heating of a fourth thermal carrier fluid (F4); wherein the burner means (31) comprise a burner (9) of the non-premixed type.

IPC 8 full level
F23D 14/20 (2006.01); **F23D 14/24** (2006.01); **F23D 14/58** (2006.01); **F24H 1/43** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)
F23D 14/24 (2013.01); **F23D 14/58** (2013.01); **F24H 1/43** (2013.01); **F24H 9/0026** (2013.01)

Citation (search report)
See references of WO 2017109714A2

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)
WO 2017109714 A2 20170629; **WO 2017109714 A3 20170803**; EP 3394512 A2 20181031; EP 3394512 B1 20200212;
IT UB20159531 A1 20170621

DOCDB simple family (application)
IB 2016057857 W 20161221; EP 16826462 A 20161221; IT UB20159531 A 20151221