

Title (en)
BOILER

Title (de)
KESSEL

Title (fr)
CHAUDIÈRE

Publication
EP 3440410 A1 20190213 (EN)

Application
EP 17716511 A 20170406

Priority
• IT UA20162359 A 20160406
• EP 2017058232 W 20170406

Abstract (en)
[origin: WO2017174712A1] Boiler to generate steam and/or to heat water, comprising a metal container (12) provided with at least a feed aperture (14) to introduce water inside it. The boiler comprises a heating element (18) associated to the container (12), and at least one detection device (20) to detect the physical quantities inside the container (12), positioned in correspondence with at least one detection zone (22) on an external surface (24) of the container (12).

IPC 8 full level
F24D 19/00 (2006.01); **A47J 31/00** (2006.01); **C02F 1/00** (2006.01); **D06F 75/14** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP US)
D06F 75/12 (2013.01 - EP); **F22B 1/284** (2013.01 - EP US); **F24H 9/45** (2022.01 - EP)

Citation (search report)
See references of WO 2017174712A1

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 2017174712 A1 20171012; CN 109312931 A 20190205; CN 109312931 B 20210615; EP 3440410 A1 20190213; EP 3440410 B1 20200826; ES 2828056 T3 20210525; IT UA20162359 A1 20171006

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EP 2017058232 W 20170406; CN 201780035051 A 20170406; EP 17716511 A 20170406; ES 17716511 T 20170406; IT UA20162359 A 20160406