

Title (en)

System for fastening igniters of boilers or the like

Title (de)

System zur Befestigung von Zündkerzen von Heizkesseln, o.ä

Title (fr)

Système pour fixer des bougies d'allumage de chaudières ou analogue

Publication

**EP 2211103 A1 20100728 (EN)**

Application

**EP 10151162 A 20100120**

Priority

IT GE20090002 A 20090121

Abstract (en)

System for fastening igniters (4) for boilers or the like, comprising a bracket or a fastening plate (1) with an hole housing the ceramic body (104) of the igniter (4), which housing hole axially projects for a certain length at least from one side of the bracket (1) beyond the thickness thereof such to form a cylindrical housing (5) for the ceramic body (104) of the igniter (4), a cylindrical tightening ring (8) being provided having such internal and external radial dimensions that it can be inserted by forcing it between the inner wall of the cylindrical housing (5) of the bracket (1) and the external wall of the ceramic body (104) of the igniter (4) such to generate a predetermined radial tightening force of the igniter (4) inside the cylindrical housing (5) of the bracket (1). According to the invention, the cylindrical housing (5) of the bracket has a shell wall which is at least internally broached, while at least on one side of the bracket (1) elastic sealing means are provided cooperating at least with the cylindrical housing and the tightening ring and/or the shell surface of the portion of the ceramic body projecting beyond said cylindrical housing and such to obtain a tight seal between one side and the other one of the bracket.

IPC 8 full level

**F23Q 3/00** (2006.01)

CPC (source: EP)

**F23Q 3/006** (2013.01)

Citation (applicant)

EP 1747402 A2 20070131 - CASTFUTURA SPA [IT]

Citation (search report)

- [A] WO 2005111500 A2 20051124 - CAST S P A [IT], et al
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- [A] CN 2911465 Y 20070613 - ELECTRONIC CERAMIC FACTORY BAO [CN]
- [A] US 3229032 A 19660111 - WILLIS RAYMOND D
- [A] US 3336061 A 19670815 - HEISLER RAYMOND A
- [A] GB 1587002 A 19810325 - KIGASS ENG LTD

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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