

Title (en)

DETECTION/IGNITION SPARK PLUG FOR BOILERS AND METHOD FOR PRODUCING SUCH A SPARK PLUG

Title (de)

DETEKTION/ZÜNDKERZE FÜR WASSERKESSEL UND VERFAHREN ZUR HERSTELLUNG EINER SOLCHEN ZÜNDKERZE

Title (fr)

BOUGIE D'ALLUMAGE/DE DÉTECTION POUR CHAUDIÈRES ET PROCÉDÉ DE FABRICATION D'UNE TELLE BOUGIE D'ALLUMAGE

Publication

EP 3327352 B1 20210519 (EN)

Application

EP 17203655 A 20171124

Priority

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Abstract (en)

[origin: EP3327352A1] A detection/ignition spark plug for boilers or the like, the spark plug comprising a filiform main electrode (2); a sleeve (5) for housing an intermediate portion of the main electrode (2); a fixing plate (4) provided with a lower surface configured for facing the combustion chamber of the boiler, an upper surface opposite to a combustion chamber, a housing hole (9) for the sleeve (5) so that a lower end of the main electrode (2) is inside the combustion chamber and an upper end of the main electrode is outside the combustion chamber; a connecting terminal (6) coupled to the upper end of the main electrode (2) in series with the sleeve (5); fixing material (8) between the connecting terminal (6) and the upper end of the main electrode (2), between the main electrode (2) and the sleeve (5) and between the sleeve (5) and the fixing plate (4); wherein the fixing material (8) is a material that, at first, is applied in the fluid phase so that it adheres to the connecting terminal (6), to the main electrode (2), to the sleeve (6) and to the fixing plate (4) and subsequently is brought to the solid phase.

IPC 8 full level

F23Q 3/00 (2006.01); **H01T 13/34** (2006.01); **H01T 21/02** (2006.01)

CPC (source: EP)

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Citation (examination)

JP 2013127846 A 20130627 - FUTABA IND CO LTD, et al

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