

Title (en)

COMBUSTING HEAD FOR LIQUID FUEL

Title (de)

BRENNERKOPF FÜR FLÜSSIGEN BRENNSTOFF

Title (fr)

TÊTE DE COMBUSTION POUR COMBUSTIBLE LIQUIDE

Publication

EP 3252376 B1 20200129 (EN)

Application

EP 17174109 A 20170601

Priority

IT UA20164028 A 20160601

Abstract (en)

[origin: EP3252376A1] A combustion head (100) characterized in that it comprises the following elements: - a fire tube (10) with a substantially cylindrical shape and having a central symmetry axis (X) and holes (11) for the recirculation of the combustion products; - a flame disc (20), which is arranged perpendicularly to the central symmetry axis (X); - a conical diffuser (30) with a double conical inclination; - a nozzle (41), which is designed to atomize liquid fuel; and - a pair of electrodes (50) for lighting the flame.

IPC 8 full level

F23D 11/40 (2006.01); **F23C 9/00** (2006.01)

CPC (source: EP)

F23C 9/006 (2013.01); **F23D 11/404** (2013.01); **F23D 11/406** (2013.01); **F23C 2202/00** (2013.01); **F23D 2900/11402** (2013.01); **F23D 2900/11403** (2013.01)

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