

Title (en)

EQUIPMENT AND METHOD FOR ENHANCING COMBUSTION AND HEAT TRANSFER IN A BOILER BY USING SOUND

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERBESSERUNG DER VERBRENNUNG UND DES WÄRMEÜBERGANGS IN EINEM KESSEL
UNTER VERWENDUNG VON SCHALL

Title (fr)

EQUIPEMENT ET PROCEDE POUR AMELIORER PAR VOIE SONORE LA COMBUSTION ET LE TRANSFERT DE CHALEUR DANS UNE
CHAUDIERE

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Application

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Abstract (en)

[origin: US2006040226A1] The invention concerns equipment and a method for enhancing the combustion event and heat transfer in a heating boiler. According to the invention, the space above the major combustion zone in the combustion space of the heating boiler is equipped with sound sources, which are used to generate an acoustic field to enhance the combustion event and to achieve more complete combustion.

IPC 8 full level

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