

Title (en)

FOSSIL-FUEL HEATED STEAM GENERATOR, COMPRISING DENITRIFICATION DEVICE FOR HEATING GAS

Title (de)

FOSSILBEHEIZTER DAMPFERZEUGER MIT EINER ENTSTICKUNGSEINRICHTUNG FÜR HEIZGAS

Title (fr)

GENERATEUR DE VAPEUR CHAUFFE PAR COMBUSTIBLE FOSSILE ET POURVU D'UN DISPOSITIF DE DEAZOTAGE POUR LE GAZ DE CHAUFFAGE

Publication

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Application

EP 00949097 A 20000613

Priority

- DE 0001941 W 20000613
- DE 19929088 A 19990624

Abstract (en)

[origin: DE19929088C1] A steam generator (2) has nitrogen removal (purging) device (54) for the heated gas (G) and a combustion chamber (4) for fossil fuel (B), which is connected via a horizontal gas duct (6) and a vertical gas duct (8), behind the purging device (54). The combustion chamber (4) comprises a number of burners (70) arranged at the height of the horizontal gas duct (6) and the vertical gas duct (8) is designed for an approximately vertical upward flow of the heated gas (G) and the purging device (54) for an approximately vertical downwards flow of heated gas (G). An air preheater (58) is provided, with which the purified heated gas (G1) leaving the purging device (54) is used for heating the air.

IPC 8 full level

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CPC (source: EP KR US)

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