

Title (en)

A method of controlling nitrous oxide in circulating fluidized bed steam generators

Title (de)

Verfahren zur Kontrolle von Stickoxiden bei einem Dampferzeuger mit zirkulierender Wirbelschicht

Title (fr)

Procédé de contrôle d'oxyde nitrique dans un générateur de vapeur à lit fluidisé circulant

Publication

EP 0851173 B1 20021120 (EN)

Application

EP 97122925 A 19971229

Priority

US 77476396 A 19961230

Abstract (en)

[origin: EP0851173A2] A method of controlling N₂O emissions from a circulating fluidized bed steam generator (CFB) (2) while concomitantly therewith maintaining acceptable levels of NO_x emissions and SO_x emissions from the circulating fluidized bed steam generator (CFB) (2), by increasing the temperature of the combustion gases (32) prior to their discharge from cyclone exit (8a) and at the same time lowering their temperature at the furnace exit (4c).

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

JP2013050292A; CN104748108A; CN112413573A; CN105465771A; JP2010175157A; CN102278743A; CN102721046A; EP1846694A4; WO2017075969A1

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