

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 N<sub>2</sub>O emissions from a circulating fluidized bed steam generator (CFB) (2) while concomitantly therewith maintaining acceptable levels of NO<sub>x</sub> emissions and SO<sub>x</sub> 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

**F23C 10/10**; **F23C 6/04**

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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