

Title (en)

METHOD FOR OPERATING A COMBUSTION PLANT

Title (de)

VERFAHREN ZUM BETREIBEN EINER VERBRENNUNGSEINRICHTUNG

Title (fr)

PROCEDE D'EXPLOITATION D'UNE INSTALLATION DE COMBUSTION

Publication

EP 1131150 B1 20030205 (DE)

Application

EP 99972122 A 19991022

Priority

- DE 19853162 A 19981118
- EP 9908040 W 19991022

Abstract (en)

[origin: WO0029094A1] To reduce the quantity of nitrogen oxides resulting from the nitrogen present in fuel, a substoichiometric flame zone is generated and a nitrogen oxide reducing agent introduced into said substoichiometric flame zone. When the oxygen supply is discontinued the reducing agent increases the concentration of radicals which in turn reduce the nitrogen being produced and release molecular oxygen.

IPC 1-7

B01D 53/56; **F23J 7/00**

IPC 8 full level

B01D 53/56 (2006.01); **F23J 7/00** (2006.01)

CPC (source: EP)

F23J 7/00 (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0029094 A1 20000525; AT E232133 T1 20030215; CA 2351663 A1 20000525; DE 19853162 A1 20000531; DE 19853162 C2 20030430; DE 59904247 D1 20030313; DK 1131150 T3 20030602; EP 1131150 A1 20010912; EP 1131150 B1 20030205; ES 2192417 T3 20031001; PL 194273 B1 20070531; PL 348340 A1 20020520

DOCDB simple family (application)

EP 9908040 W 19991022; AT 99972122 T 19991022; CA 2351663 A 19991022; DE 19853162 A 19981118; DE 59904247 T 19991022; DK 99972122 T 19991022; EP 99972122 A 19991022; ES 99972122 T 19991022; PL 34834099 A 19991022