

Title (en)

PROCESS FOR REDUCING NOX EMISSION DURING THE COMBUSTION OF SOLID FUELS

Publication

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Application

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Priority

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Abstract (en)

[origin: US5131335A] PCT No. PCT/DE90/00985 Sec. 371 Date Aug. 26, 1991 Sec. 102(e) Date Aug. 26, 1991 PCT Filed Dec. 21, 1990 PCT Pub. No. WO91/10097 PCT Pub. Date Jul. 11, 1991. In a process for reducing the nitric oxide emission during the combustion of solid fuels, the flue gases leaving from a main combustion zone (2) consecutively flow through two reduction zones (6,9). The first reduction zone (6) is operated hypostoichiometrically at temperatures above 1,000 DEG C. and while adding a reducing fuel, while the second reduction zone (9) is operated hyperstoichiometrically at temperatures from 950 DEG C. to 1,000 DEG C. and in the presence of nitric oxide-reducing substances.

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