

Title (en)

Method for the monitoring of the increased production of nitrogen oxides

Title (de)

Verfahren zur Überwachung der verstärkten Bildung von Stickoxiden

Title (fr)

Procédé pour la surveillance de l'augmentation de production d'oxydes d'azote

Publication

EP 1164286 B1 20070926 (DE)

Application

EP 00127160 A 20001212

Priority

- DE 10011631 A 20000310
- LU 90495 A 19991224

Abstract (en)

[origin: EP1164286A2] Monitoring process for the formation of NO_x during fossil fuel combustion comprises determining conductivity values of combustion gases for negatively charged particles, then values for positively charged particles which arise in an identical process, comparing the two results; and establishing the formation of nitrogen oxides when the conductivity values increasingly deviate during the comparison. Process for monitoring the formation of NO_x during combustion of fossil fuels comprises determining first conductivity values of the combustion gases during combustion for negatively charged particles; comparing the first conductivity values with second conductivity values for positively charged particles which arise in the combustion gas during a further combustion process under identical conditions; and establishing the formation of NO_x when the conductivity values increasingly deviate during the comparison.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1489296A1; GB2454402B; US7373803B2

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