

Title (en)

METHOD FOR REMOVING NITROGEN OXIDES FROM AN OXYGEN-CONTAINING GAS STREAM

Title (de)

VERFAHREN ZUM ENTFERNEN VON STICKOXIDEN AUS EINEM SAUERSTOFFHALTIGEN GASSTROM

Title (fr)

PROCEDE PERMETTANT DE RETIRER DES OXYDES D'AZOTE D'UN FLUX GAZEUX CONTENANT DE L'OXYGENE

Publication

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Application

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Abstract (en)

[origin: WO0076637A1] A process for removing nitrogen oxides from a gas stream containing nitrogen oxides and oxygen involves bringing the gas stream into contact with a reducing gas stream in the presence of a deNO_x catalyst. The reducing gas stream contains CO, H₂ and, optionally, NH₃; it is produced by reacting hydrocarbons with the oxygen from the above mentioned nitrogen oxide- and oxygen-containing gas stream. A catalyst, such as an oxidising or steam-reforming catalyst may be used to promote the reaction which produces the reducing gas stream.

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