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(54) Title (EN): A METHOD FOR REMOVING NITROGEN OXIDES FROM A GAS USING AN IRON EXCHANGED ZEOLITE CATALYST

(54) Title (FR): PROCÉDÉ D'ÉLIMINATION D'OXYDES D'AZOTE D'UN GAZ À L'AIDE D'UN CATALYSEUR À ZÉOLITE À ÉCHANGE DE FER

(57) Abstract:

(EN): A method for removing nitrogen oxides NO_x from a gaseous current, comprising the steps of: passing the gaseous current through a de-NO_x catalytic bed with iron exchanged zeolite as a catalyst with the addition of ammonia as a reducing agent, wherein the molar ratio of NH₃ over NO_x is greater than 1.33.

(FR): L'invention concerne également un procédé d'élimination d'oxydes d'azote NO_x à partir d'un courant gazeux, comprenant les étapes consistant à: faire passer le courant gazeux à travers un lit catalytique de de-NO_x avec une zéolite à échange de fer en tant que catalyseur avec l'addition d'ammoniac en tant qu'agent réducteur, le rapport molaire NH₃ sur NO_x étant supérieur à 1,33.

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