Title (en)
METHOD FOR REMOVAL OF NOX AND N2O

Title (de)
VERFAHREN ZUR BESEITIGUNG VON NOX UND N20

Title (fr)
PROCEDE D'ELIMINATION DE NOX ET DE N2O

Publication
EP 1259307 A1 20021127 (DE)

Application
EP 01905656 A 20010109

Priority
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- EP 0100156 W 20010109

Abstract (en)
[origin: WO0151181A1] A device and method for the reduction of NOx and N2O content in process gases and exhaust gases are disclosed. The device comprises at least one catalyst bed, containing a catalyst, with essentially one, or several, iron-loaded zeolites and two reaction zones, whereby the first zone (Reaction zone I) serves for the decomposition of N2O and in the second zone (Reaction zone II) NOx is reduced. A device for the introduction of NH3 gas is situated between the first and second zones.

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IPC 8 full level
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WO 9710042 A1 19970320 - BASF AG [DE], et al

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WO 0151181 A1 20010719; AU 3368801 A 20010724; AU 778960 B2 20041223; CA 2397250 A1 20010719; CA 2397250 C 20090915; CN 1214850 C 20050817; CN 1395501 A 20030205; CZ 20022433 A3 20030618; CZ 304536 B6 20140625; DE 10001539 A1 20010802; DE 10001539 B4 20060119; EP 1259307 A1 20021127; HU 0600086 V0 20060529; HU 230919 B1 20190328; HU P0204088 A2 20030428; HU P0204088 A3 20040830; IL 150700 A 20090211; IN 1066CH2002 A 20071005; IN 221362 B 20080912; KR 100785645 B1 20071214; KR 20020081255 A 20021026; MX 238489 B 20060707; MX PA02006927 A 20021129; NO 20023342 D0 20020711; NO 20023342 L 20020905; NO 335080 B1 20140908; PL 213696 B1 20130430; PL 356347 A1 20040628; RU 2002121783 A 20040327; RU 2264845 C2 20051127; US 2003143141 A1 20030731; ZA 200205511 B 20031007

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