

Title (en)

REACTIVE COMPOSITION AND METHOD FOR THE PURIFICATION OF A NITRIC OXIDE CONTAINING GAS

Title (de)

REAKTIVE KOMPOSITION UND VERFAHREN ZUR REINIGUNG EINES STICKOXID-ENTHALTENDEN GASES

Title (fr)

COMPOSITION REACTIVE ET PROCEDE POUR L'EPURATION D'UN GAZ CONTENANT DE L'OXYDE NITRIQUE

Publication

EP 0779834 A1 19970625 (FR)

Application

EP 95931957 A 19950831

Priority

- EP 9503430 W 19950831
- FR 9410944 A 19940909

Abstract (en)

[origin: WO9607468A1] Reactive solid powder composition for the purification of a nitric oxide containing gas. The composition comprises a mixture consisting of at least one solid peroxidized compound and at least one alkaline metal salt chosen from the alkaline metal carbonates, the alkaline metal bicarbonates and alkaline metal carbonate and alkaline metal bicarbonate solid solutions. The invention also concerns a method for cleaning nitric oxide containing gas, where a composition such as that defined above is injected into the gas which is then subjected to a dedusting stage.

IPC 1-7

B01D 53/56

IPC 8 full level

B01D 53/56 (2006.01); **C01B 15/10** (2006.01); **B01J 27/232** (2006.01)

CPC (source: EP KR US)

B01D 53/56 (2013.01 - EP KR US); **C01B 15/106** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9607468 A1 19960314; AU 3519895 A 19960327; BR 9509162 A 19971125; CA 2199421 A1 19960314; CN 1164831 A 19971112; CZ 71097 A3 19970917; EP 0779834 A1 19970625; FI 970937 A0 19970305; FI 970937 A 19970507; FR 2724328 A1 19960315; FR 2724328 B1 19970110; HU P9800150 A2 20010628; IL 115127 A0 19951231; JP H10508789 A 19980902; KR 970705428 A 19971009; MX 9701736 A 19970930; NO 971071 D0 19970307; NO 971071 L 19970507; NZ 292894 A 19980924; PL 319015 A1 19970721; SK 29097 A3 19970910; US 5935539 A 19990810

DOCDB simple family (application)

EP 9503430 W 19950831; AU 3519895 A 19950831; BR 9509162 A 19950831; CA 2199421 A 19950831; CN 95195956 A 19950831; CZ 71097 A 19950831; EP 95931957 A 19950831; FI 970937 A 19970305; FR 9410944 A 19940909; HU 9800150 A 19950831; IL 11512795 A 19950901; JP 50918195 A 19950831; KR 19970701513 A 19970307; MX 9701736 A 19950831; NO 971071 A 19970307; NZ 29289495 A 19950831; PL 31901595 A 19950831; SK 29097 A 19950831; US 80927197 A 19971008