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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C01B 33/00, C09K 15/00	A1	(11) International Publication Number: WO 97/22552 (43) International Publication Date: 26 June 1997 (26.06.97)
(21) International Application Number: PCT/US96/19492 (22) International Filing Date: 10 December 1996 (10.12.96) (30) Priority Data: 08/573,337 15 December 1995 (15.12.95) US 08/764,874 3 December 1996 (03.12.96) US (71) Applicant: W.R. GRACE & CO.-CONN. [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US). (72) Inventors: BLINKA, Thomas, Andrew; 11604 Wave Lap, Columbia, MD 21044 (US). SPEER, Drew, Ve; 6229 Slender Sky, Columbia, MD 21044 (US). FEEHLEY, William, Alfred, Jr.; 12105 Stoney Batter Road, Kingsville, MD 21087 (US). (74) Agent: TROFFKIN, Howard, J.; W.R. Grace & Co.-Conn., 7500 Grace Drive, Columbia, MD 21044 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: OXYGEN SCAVENGING METAL-LOADED ION-EXCHANGE COMPOSITIONS (57) Abstract An oxygen scavenging composition composed of a carrier material and a metal-loaded cationic exchange material having the metal in a zero valence state. The composition is contained within the interior cavity of a container to scavenge oxygen therein. The composition may form at least a part of the interior surface of the container or be present therein in the form of a film, mat, sachet or ceramic.		