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(21) International Application Number: PCT/US99/17560 (22) International Filing Date: 3 August 1999 (03.08.99) (30) Priority Data: 09/139,227 25 August 1998 (25.08.98) US (71) Applicant: MOBIL OIL CORPORATION [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US). (72) Inventors: CHANG, Clarence, Dayton; 11 Murray Place, Princeton, NJ 08540 (US). STEVENSON, Scott, Andrew; 19106 Waverdale Court, Houston, TX 77094 (US). VARTULI, James, Clarke; 1346 Morstein Road, West Chester, PA 19380 (US). (74) Agents: ROBERTS, Peter, W. et al.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).		(81) Designated States: BR, CN, ID, IN, JP, KR, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: PRODUCTION OF NITROUS OXIDE (57) Abstract A process for producing nitrous oxide comprises reacting ammonia with nitric oxide and/or oxygen in the presence of a catalyst comprising a Group VIB metal oxide, to produce a reaction mixture comprising nitrous oxide, and optionally recovering the nitrous oxide from the effluent mixture.		