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(21) International Application Number: PCT/US97/05000 (22) International Filing Date: 26 March 1997 (26.03.97) (30) Priority Data: 08/627,960 2 April 1996 (02.04.96) US (71) Applicant (for all designated States except US): HOECHST CELANESE CORPORATION [US/US]; Route 202-206, Somerville, NJ 08876 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): NICOLAU, Ioan [US/US]; Apartment 2902, 6717 Everhart, Corpus Christi, TX 78413 (US). COLLING, Philip, M. [US/US]; 609 Barracuda, Corpus Christi, TX 78411 (US). JOHNSON, Leland, R. [US/US]; 4814 Trinity, Corpus Christi, TX 78411 (US). (74) Agents: CASSADY, Donald, R. et al.; Hoechst Celanese Corporation, 1901 Clarkwood Road, Corpus Christi, TX 78409 (US).	(81) Designated States: AL, AU, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, TT, UA, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
(54) Title: HONEYCOMB CATALYST FOR VINYL ACETATE SYNTHESIS (57) Abstract A catalyst particularly useful in the preparation of unsaturated esters such as the reaction of ethylene, oxygen and acetic acid in a vapor phase to form vinyl acetate. The catalyst comprises a honeycomb carrier coated with silica and containing palladium and gold throughout the silica coat. Such catalysts show reduced pressure drop and a high space time yield for vinyl acetate.		