

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: C07C 45/00, 47/06	A1	(11) International Publication Number: WO 97/34858 (43) International Publication Date: 25 September 1997 (25.09.97)
(21) International Application Number: PCT/US96/18074 (22) International Filing Date: 14 November 1996 (14.11.96) (30) Priority Data: 08/619,385 21 March 1996 (21.03.96) US (71) Applicant: EASTMAN CHEMICAL COMPANY [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US). (72) Inventors: TUSTIN, Gerald, Charles; 1065 Rotherwood Drive, Kingsport, TN 37660 (US). DEPEW, Leslie, Sharon; 238 Southcreek Court, Kingsport, TN 37663 (US). (74) Agent: BLAKE, Michael, J.; P.O. Box 511, Kingsport, TN 37662-5075 (US).		(81) Designated States: CA, CN, JP, MX, SG, 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>
(54) Title: PREPARATION OF ACETALDEHYDE (57) Abstract Disclosed is a process for the preparation of acetaldehyde by the hydrogenation of ketene in the presence of a transition metal hydrogenation catalyst.		