



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(21) International Application Number: PCT/US89/05379 (22) International Filing Date: 28 November 1989 (28.11.89) (30) Priority data: 279,411 2 December 1988 (02.12.88) US (71) Applicant: AMOCO CORPORATION [US/US]; Mail Code 1907, Patents and Licensing Department, P.O. Box 87703, Chicago, IL 60680-0703 (US). (72) Inventors: CHEW, Calvin, Tom ; 3 South 100 Birchwood Drive, Warrenville, IL 60555 (US). McMAHON, Rosemary, Fischer ; 2351 Albright Lane, Wheaton, IL 60187 (US). FJARE, Kristi, Ann ; 7 South 181 Clover Court, Naperville, IL 60540 (US). SCHAMMEL, Wayne, Paul ; 1513 Marquette Avenue, Naperville, IL 60565 (US).	(74) Agents: MICKELSON, Carole, A. et al.; Mail Code 1907, Patents and Licensing Department, Amoco Corporation, P.O. Box 87703, Chicago, IL 60680-0703 (US). (81) Designated States: AT (European patent), BE (European patent), CH (European patent), DE (European patent), ES (European patent), FR (European patent), GB (European patent), IT (European patent), JP, KR, LU (European patent), NL (European patent), SE (European patent). 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> (88) Date of publication of the international search report: 9 August 1990 (09.08.90)	
(54) Title: AN IMPROVED PROCESS FOR PRODUCTION OF POLYCARBOXYLIC AROMATIC ACIDS		
(57) Abstract A process is disclosed for the co-production of aliphatic monocarboxylic acids and polycarboxylic aromatic acids in high selectivity, conversion and yield. The aliphatic monocarboxylic acid can serve as a component of the solvent for the process.		

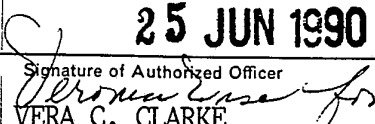
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INTERNATIONAL SEARCH REPORT

International Application No. **PCT/US89/05379**

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ⁶				
According to International Patent Classification (IPC) or to both National Classification and IPC IPC(5): C07C 51/265, C07C 51/235 U.S. CL.: 562/416; 560/77, 560/239; 562/414, 562/417, 562/538.				
II. FIELDS SEARCHED				
Minimum Documentation Searched ⁷				
Classification System	Classification Symbols			
U.S.	562/414, 562/416, 562/417, 562/538 560/77, 560/239			
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸				
III. DOCUMENTS CONSIDERED TO BE RELEVANT ⁹				
Category *	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³		
A	US, A, 4,172,209 (B.V. VORA) 23 October 1979. See entire document.	1-12		
A	US, A, 4,769,488 (N. R. NOWICKI ET AL.) 06 September 1988. See entire document.	1-12		
P	US, A, 4,792,621 (K. J. ABRAMS) 20 December 1988. See entire document.	1-12		
P	US, A, 4,827,026 (S. P. BRUGGE ET AL.) 02 May 1989. See entire document.	1-12		
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IV. CERTIFICATION				
Date of the Actual Completion of the International Search	Date of Mailing of this International Search Report			
13 JUNE 1990	25 JUN 1990			
International Searching Authority	Signature of Authorized Officer			
ISA/US	 VERA C. CLARKE			