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(21) International Application Number: PCT/US97/08501 (22) International Filing Date: 3 June 1997 (03.06.97) (30) Priority Data: 60/023,024 5 August 1996 (05.08.96) ✓ US 08/867,511 2 June 1997 (02.06.97) ✓ US (71) Applicant: AMOCO CORPORATION [US/US]; Law Dept., 200 East Randolph Drive, Mail code 1907A, Chicago, IL 60680 (US). (72) Inventors: FEINSTEIN, Allen, I.; 1903 Cheshire Lane, Wheaton, IL 60187 (US). DOYLE, Ruth, Ann; Apartment 202, 1493 Fairway Drive, Naperville, IL 60563 (US). CHEW, Calvin, T.; 3S100 Birchwood Drive, Warrenville, IL 60555 (US). (74) Agent: KANADY, Mary, Jo; Amoco Corporation, Law Dept., 200 East Randolph Drive, Mail Code 1907A, Chicago, IL 60680 (US).	(81) Designated States: CA, CN, KR, MX, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report. <div data-bbox="906 779 1481 1014" style="border: 1px dashed black; padding: 5px;"> REFERENCE SHEETS SG ✓ 11214, 9-18 to page 2 ✓ 11214, 9-18 to page 24 [] 11214, 9-18 to page 24 [] 11214, 9-18 to page 24 DATE OF RECEIPT </div>	
(54) Title: A STABILIZED DUAL BED XYLENE ISOMERIZATION CATALYST SYSTEM		
(57) Abstract A catalyst system suitable for the isomerization of a xylene and conversion of ethylbenzene in a feed containing xylene and ethylbenzene comprising a first catalyst having activity for the conversion of ethylbenzene, a second catalyst having hydrogenation activity and a third catalyst having activity for the isomerization of a xylene where the second catalyst is located in the system between the first and third catalysts relative to a flow of feed material through the catalyst system.		