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(21) International Application Number: PCT/EP96/03555 (22) International Filing Date: 7 August 1996 (07.08.96) (30) Priority Data: 954018503 8 August 1995 (08.08.95) EP (34) Countries for which the regional or international application was filed: FR et al. (71) Applicant (for all designated States except CA): SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL). (71) Applicant (for CA only): SHELL CANADA LIMITED [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA). (72) Inventors: BARRE, Guy; Shell Recherche S.A., Route de Caen, F-76530 Grand-Couronne (FR). GRANDVALLET, Pierre; Shell Recherche S.A., Route de Caen, F-76530 Grand-Couronne (FR). LEBIGRE, Sylvie, Claude; Shell Recherche S.A., Route de Caen, F-76530 Grand-Couronne (FR).		(81) Designated States: AU, CA, CZ, HU, JP, KR, NO, <u>SG</u> , European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.
(54) Title: CATALYST, USE THEREOF AND PREPARATION PROCESS (57) Abstract Catalyst comprising from 0.1 to 15 % by weight of platinum and/or palladium and from 2 to 40 % by weight of at least one metal of the actinium series, said weight percentages indicating the amount of metal based on the total weight of carrier, supported on an acidic carrier. Use of this catalyst in a process wherein a hydrocarbon feedstock comprising aromatic compounds is contacted with the catalyst at elevated temperature and pressure in the presence of hydrogen. Process for the preparation of the above catalyst, which process comprises incorporating the catalytically active metals into the carrier followed by drying and calcining.		