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(21) International Application Number: PCT/EP95/03090 (22) International Filing Date: 1 August 1995 (01.08.95) (30) Priority Data: 94202237.7 2 August 1994 (02.08.94) EP (34) Countries for which the regional or international application was filed: GB 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: JACOBS, Ludovicus, Leonardus, Gerardus; Badhuisweg 3, NL-1031 CM Amsterdam (NL). LEDNOR, Peter, William; Badhuisweg 3, NL-1031 CM Amsterdam (NL). VAN LOON, Petrus, Josephus, Maria; Badhuisweg 3, NL-1031 CM Amsterdam (NL). OOSTERVELD, Marten; Badhuisweg 3, NL-1031 CM Amsterdam (NL). VONKEMAN, Koert, Alexander; Badhuisweg 3, NL-1031 CM Amsterdam (NL). WENTINCK, Hendrikus, Martinus; Badhuisweg 3, NL-1031 CM Amsterdam (NL). VAN DER ZWET, Gerardus, Petrus; Badhuisweg 3, NL-1031 CM Amsterdam (NL). LANGE, Jean, Paul; Badhuisweg 3, NL-1031 CM Amsterdam (NL). (81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG). 86 9700530-0 Published With international search report.
(54) Title: PROCESS FOR THE CATALYTIC PARTIAL OXIDATION OF HYDROCARBONS (57) Abstract A process for the catalytic partial oxidation of a hydrocarbon feedstock comprises contacting a feed comprising a hydrocarbon feedstock and an oxygen-containing gas with a catalyst at an elevated temperature under conditions such that the catalyst will be susceptible to a thermal shock, the catalyst having the form of a porous monolithic structure and comprising a catalytically active metal supported on a zirconia-based carrier. Group 3 copy		