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(21) International Application Number: PCT/EP99/06722 (22) International Filing Date: 9 September 1999 (09.09.99) (30) Priority Data: 60/100,195 14 September 1998 (14.09.98) US (71) Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL). (72) Inventor: LOCKEMEYER, John, Robert; 3403 Stoney Mist Drive, Sugar Land, TX 77479 (US).		(81) Designated States: AB, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: PROCESS FOR PREPARING CATALYSTS WITH IMPROVED CATALYTIC PROPERTIES (57) Abstract This invention relates to a process for depositing one or more catalytically reactive metals on a carrier, said process comprising selecting a carrier and depositing a catalytically effective amount of one or more catalytically reactive metals on the carrier, the deposition effected by submersing the carrier in an impregnation solution wherein the hydrogen ion activity of the impregnation solution has been lowered. The invention further relates to catalysts made by the process. In the examples silver and a promotor are deposited on an alumina carrier in the presence of tetraethylammonium hydroxide; the catalysts are used for the preparation of ethylene oxide.		