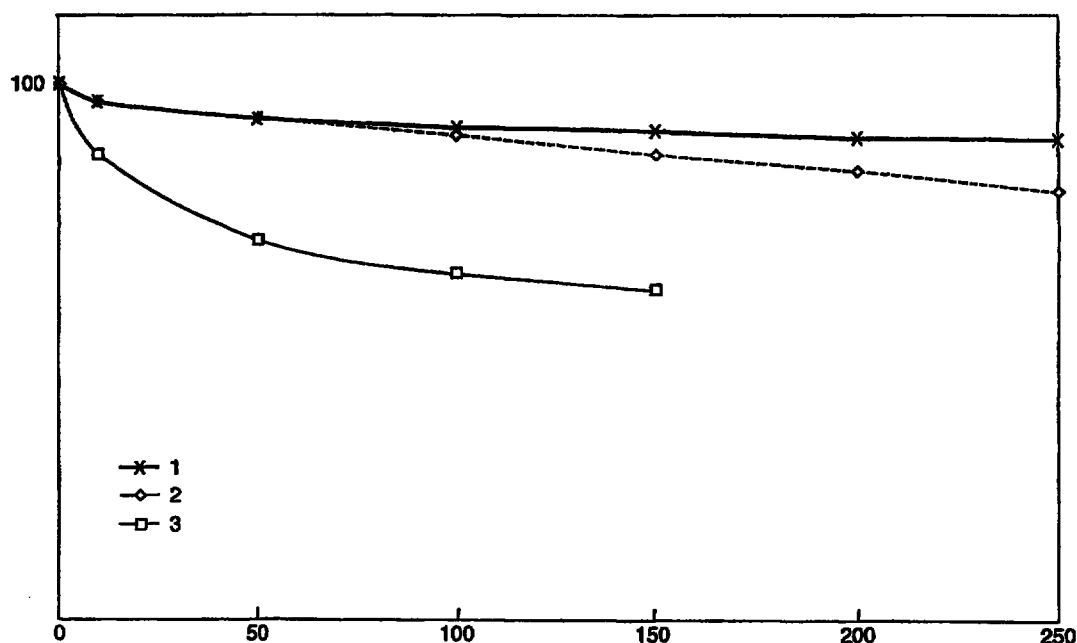




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C01B 3/38, B01J 23/40, 37/02		A1	(11) International Publication Number: WO 00/00425
			(43) International Publication Date: 6 January 2000 (06.01.00)
(21) International Application Number: PCT/EP99/04348		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, US, 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).	
(22) International Filing Date: 23 June 1999 (23.06.99)			
(30) Priority Data: 98305179.8 30 June 1998 (30.06.98) EP			
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(54) Title: CATALYTIC PARTIAL OXIDATION WITH TWO CATALYTICALLY-ACTIVE METALS



(57) Abstract

The invention relates to a catalyst or a precursor thereof in the form of a fixed arrangement or in the form of catalyst (precursor) particles, wherein the fixed arrangement or the particles comprise(s) at least two layers, the first layer comprising as a catalytically active metal or precursor thereof rhodium or a rhodium compound and the second layer comprising as a catalytically active metal or precursor thereof iridium, osmium or platinum or a compound thereof. The invention further relates to the use of the catalyst, especially in a process for the catalytic partial oxidation of a hydrocarbonaceous feedstock.