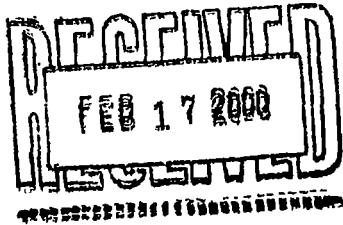


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<p>(21) International Application Number: PCT/US99/11230</p> <p>(22) International Filing Date: 20 May 1999 (20.05.99)</p> <p>(30) Priority Data:</p> <table border="0"> <tr> <td>60/086,405</td> <td>22 May 1998 (22.05.98)</td> <td>US</td> </tr> <tr> <td>60/086,372</td> <td>22 May 1998 (22.05.98)</td> <td>US</td> </tr> <tr> <td>60/097,180</td> <td>20 August 1998 (20.08.98)</td> <td>US</td> </tr> </table> <p>(71) Applicant: CONOCO INC. [US/US]; McLean Building, Suite 2084, 600 North Dairy Ashford, Houston, TX 77210-4783 (US).</p> <p>(72) Inventors: HERRON, Norman; 408 Apple Road, Newark, DE 19711-5118 (US); MANZER, Leo; 714 Burnley Road, Wilmington, DE 19803 (US); SUBRAMANIAN, Muni-rapallam, A.; 20 Pratt Lane, Kennett Square, PA 19348 (US).</p> <p>(74) Agent: PAYNE, JoAnna; 1000 South Pine, P.O. Box 1267, Ponca City, OK 77252-1267 (US).</p>	60/086,405	22 May 1998 (22.05.98)	US	60/086,372	22 May 1998 (22.05.98)	US	60/097,180	20 August 1998 (20.08.98)	US	<p>(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, 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).</p> <p>Published</p> <p><i>With international search report.</i></p> <p><i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>
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(54) Title: FISCHER-TROPSCH PROCESSES AND CATALYSTS USING FLUORIDED SUPPORTS										
(57) Abstract										
<p>A process is disclosed for producing hydrocarbons. The process involves contacting a feed stream comprising hydrogen and carbon monoxide with a catalyst in a reaction zone maintained at conversion-promoting conditions effective to produce an effluent stream comprising hydrocarbons. In accordance with this invention the catalyst used in the process includes at least one catalytic metal selected for Fischer-Tropsch reactions (e.g., iron, cobalt, nickel and/or ruthenium); and a support selected from the group consisting of fluorides and fluorided oxides of at least one element selected from the elements of Groups 2 through 15 of the periodic table of elements and elements with atomic numbers 58 through 71 (e.g., zinc, magnesium, calcium, barium, chromium, yttrium, lanthanum, samarium, europium and/or dysprosium).</p>										
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>*G00002*</p> </div> <div style="text-align: center;">  <p>*162162*</p> </div> <div style="text-align: right;">  </div> </div>										