

Title (en)

FISCHER-TROPSCH PROCESSES USING CATALYSTS ON MESOPOROUS SUPPORTS

Title (de)

VERWENDUNG VON KATALYSATOREN AUF MESO-PORÖSEN TRÄGERN BEI DER FISCHER-TROPSCH-SYNTHESE

Title (fr)

SYNTHESE DE FISCHER-TROPSCH UTILISANT DES CATALYSEURS SUR DES SUPPORTS MESOPOREUX

Publication

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Application

EP 99943789 A 19990819

Priority

- US 9918994 W 19990819
- US 9719298 P 19980820
- US 9719398 P 19980820
- US 9719498 P 19980820
- US 37700799 A 19990818
- US 37700899 A 19990818
- US 37687399 A 19990818

Abstract (en)

[origin: WO010698A2] This invention provides a process 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, and uses a catalyst including (a) at least one catalytic metal for Fischer-Tropsch reactions (e.g., iron, cobalt, nickel and/or ruthenium) and (b) a non-layered mesoporous support which exhibits an X-ray diffraction after calcination that has at least one peak at a d-spacing of greater than 18 Ångström units.

IPC 1-7

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Citation (search report)

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- [PX] EP 0911079 A2 19990428 - HOECHST RES & TECH GMBH & CO [DE]
- [E] WO 0073205 A1 20001207 - UNIV OKLAHOMA [US], et al
- [A] US 5302622 A 19940412 - CHAUMETTE PATRICK [FR], et al
- [A] US 5028634 A 19910702 - FIATO ROCCO A [US]

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WO 0010698 A2 20000302; **WO 0010698 A3 20001026**; AU 5572199 A 20000314; AU 5575199 A 20000314; AU 5681899 A 20000314; AU 746882 B2 20020502; AU 757374 B2 20030220; CA 2341174 A1 20000302; CA 2341175 A1 20000302; EP 1109622 A2 20010627; EP 1109622 A4 20020123; EP 1128905 A1 20010905; WO 0010704 A1 20000302; WO 0010705 A1 20000302

DOCDB simple family (application)

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