



ash removed from the fluidized bed combustor and drying said mixture in a fluidized bed dryer in which the velocity of the fluidization fluid equals or is lower than the minimum fluidization velocity of particles in the fluidized bed combustor. The equipment for treatment of fuel comprises a bunker, crusher and dryer, comprising a fluidized bed dryer provided with appropriate piping for interconnection of the fluidized bed dryer, fluidized bed combustor, fuel bunker and crusher.

4413064

FLUID BED CATALYST FOR SYNTHESIS GAS CONVERSION AND UTILIZATION THEREOF FOR PREPARATION OF DIESEL FUEL

Harold Beuther, Charles L Kibby, T P Kobylnski, Richard B Pannell assigned to Gulf Research & Development Company

A catalyst useful in the conversion of synthesis gas to diesel fuel in a fluidized bed is prepared by contacting finely divided alumina with an aqueous impregnation solution of a cobalt salt, drying the impregnated support and thereafter contacting the support with a nonaqueous, organic impregnation solution of salts of ruthenium and a Group IIIB or IVB metal.

For information about PATSEARCH®

Pergamon International
Information Corporation
1340 Old Chain Bridge Road
McLean, Virginia 22101
USA
Telephone (703) 442-0900
Telex: 90-1811

Pergamon InfoLine
Limited
12 Vandy Street
London EC2A 2DE
England
Telephone (01) 377-4650
Telex: 8814614

Pergamon Press
Canada Ltd
150 Consumers Road, Suite 104
Willowdale, Ontario
Canada M2J 1P9
Telephone (416) 497-8337