CASE 5246

"DIFUNCTIONAL CATALYST EFFECTIVE IN WAX HYDRO-ISOMERIZATION AND PROCESS FOR PREPARING IT"

A b s t r a c t

Process for the hydroisomerization of n-paraffins in the presence of a difunctional catalyst which comprises:

(a) a porous crystalline material isostructural with beta-zeolite selected from boro-silicate (BOR-B) and boro-alumino-silicate (Al-BOR-B) in which the molar SiO_2:Al_2O_3 ratio is higher than 300:1;

(b) one or more metal(s) belonging to Group VIIIA, selected from platinum and palladium, in an amount comprised within the range of from 0.05 to 5% by weight.