

CATALYST FOR HYDROTREATING HYDROCARBON FEEDS IN A FIXED BED REACTOR

ABSTRACT

The present invention relates to a catalyst comprising an extruded essentially alumina-based support, constituted by a plurality of juxtaposed agglomerates partially in the form of packs of flakes and partially in the form of needles, and comprising at least one catalytic metal or a compound of a catalytic metal from group VIB, and/or optionally at least one catalytic metal or compound of a catalytic metal from group VIII. The catalyst also comprises at least one dopant selected from the group formed by boron, phosphorous, silicon (or a silica different from that subsequently added to the support) and halogens.

The invention also relates to its use in a fixed bed reactor, for hydrorefining and hydroconverting hydrocarbon feeds.