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(54) Title: CATALYST, USE THEREOF AND PROCESS FOR PREPARATION THEREOF

(57) Abstract

Catalyst comprising a refractory oxide carrier and as catalytically active metals between 2 and 15 % by weight of at least one Group VIII metal and between 5 and 40 % by weight of chromium, said weight percentages indicating the amount of metal based on the total weight of carrier, whereby chromium is present as an oxide and/or as a sulphide. The catalyst is particularly suitable for use in a process wherein a hydrocarbon feedstock comprising aromatic compounds is contacted with the catalyst at elevated temperature and pressure in the presence of hydrogen. The catalyst can be suitably prepared by incorporating the catalytically active metals into the refractory oxide carrier followed by drying and calcining.