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(54) Title: PROCESS FOR PRODUCING CYCLOHEXYLBENZENE

(57) Abstract: In a process for producing cyclohexylbenzene, benzene and hydrogen are contacted with a catalyst under hydroalkylation conditions to produce an effluent containing cyclohexylbenzene. The catalyst comprises a composite of a molecular sieve, an inorganic oxide different from said molecular sieve and at least one hydrogenation metal, wherein at least 50 wt% of said hydrogenation metal is supported on the inorganic oxide and the inorganic oxide has an average particle size less than 40 µm (microns).



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