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(54) Title: STEAM CRACKING OF HYDROCARBONS

(57) Abstract

Sulphur-containing hydrocarbon feedstocks are desulphurised prior to being subjected to steam cracking in the presence of one or more thiohydrocarbons wherein the sulphur is part of aromatic heterocycles, preferably thiophene and/or benzothiophene. Optimum results are obtained in terms of the combination of reduced coking rate and reduced carbon monoxide formation.