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(54) Title: HYDROCARBON CONVERSION PROCESS

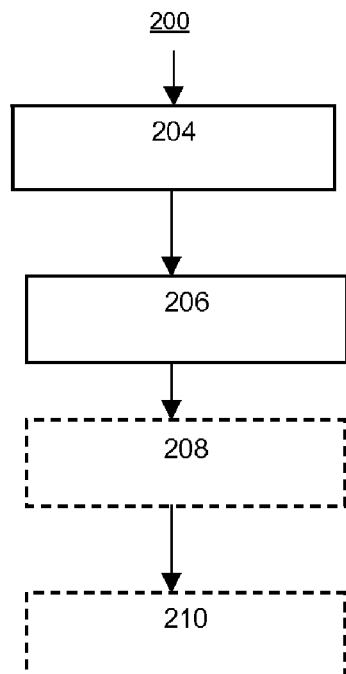


Fig. 1

(57) Abstract: The invention relates to processes for converting a mixture of hydrocarbon and sulfur- containing molecules such as mercaptan into products comprising acetylene, ethylene, and hydrogen sulfide, to processes utilizing the acetylene and ethylene resulting from the conversion, and to equipment useful for such processes.



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