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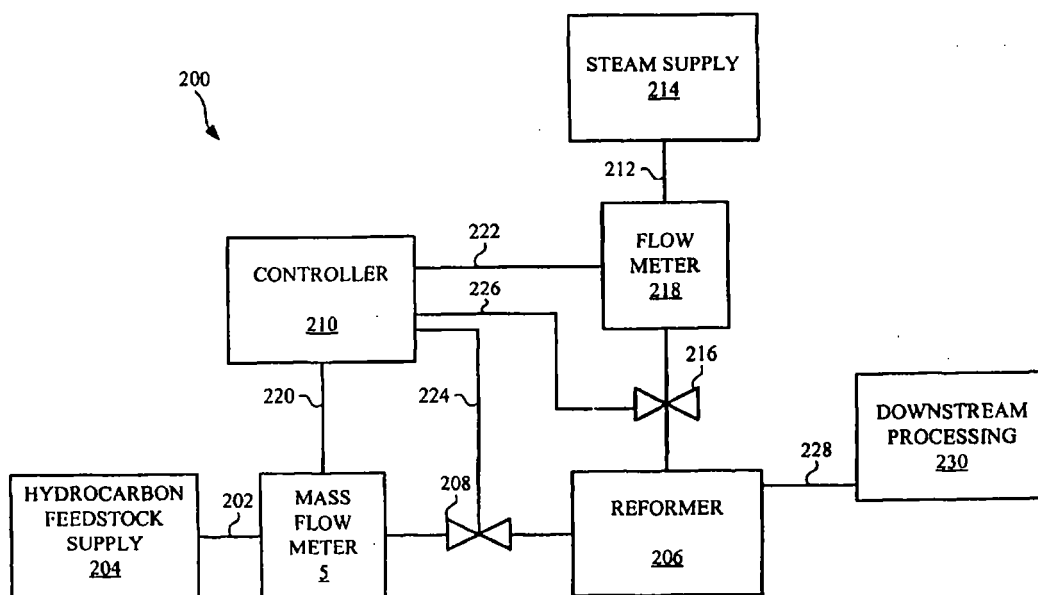
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(54) Title: STEAM TO CARBON RATIO CONTROL IN STEAM REFORMING OF HYDROCARBONS



(57) Abstract: A mass flowmeter system (200) for use in steam reformation of hydrocarbons includes a Coriolis flowmeter in a hydrocarbon feedstock line. The feedstock carbon content is estimated by close approximation, which facilitates selective control operations governing the relative amounts of steam and hydrocarbon materials as they feed a hydrogen processing unit. The relative amounts of steam and hydrocarbon feedstock are adjusted on the basis of real time measurements.

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