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(54) Title: INTEGRATION OF HYDROGEN-RICH FUEL-GAS PRODUCTION WITH OLEFINS PRODUCTION PLANT

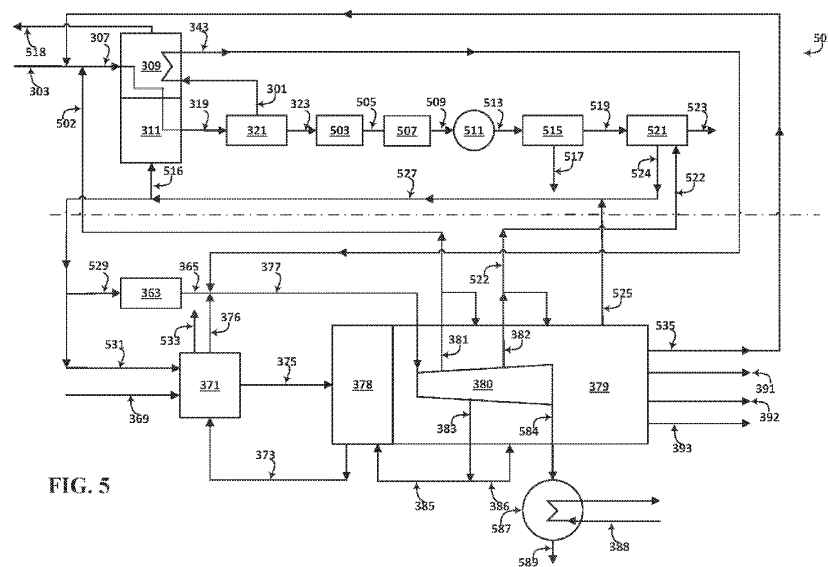


FIG. 5

(57) Abstract: An H₂-rich fuel gas production plant comprising a. syngas production unit can be advantageously integrated, with an olefins production plant comprising a. steam cracker in at least one of the following: (i) fuel gas supply and consumption; (ii) feed supply and consumption; and (iii) steam supply and consumption, to achieve considerable savings in capital and. operational costs, enhanced energy' efficiency, and reduced CO₂, emissions, compared to operating the plants separately.

[Continued on next page]

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