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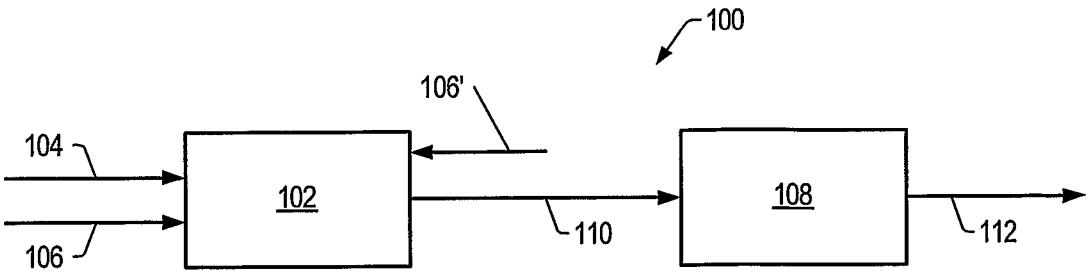
(54) Title: SYSTEMS, METHODS, AND CATALYSTS FOR PRODUCING A CRUDE PRODUCT



(57) Abstract: Methods and systems for contacting of a crude feed with one or more catalysts to produce a total product that includes a crude product are described. At least one of the catalysts is a bulk metal catalyst. The crude product is a liquid mixture at 25 °C and 0.101 MPa. The crude product may have MCR content at most 90% of the MCR content of the crude feed. One or more other properties of the crude product may be changed by at least 10% relative to the respective properties of the crude feed.

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