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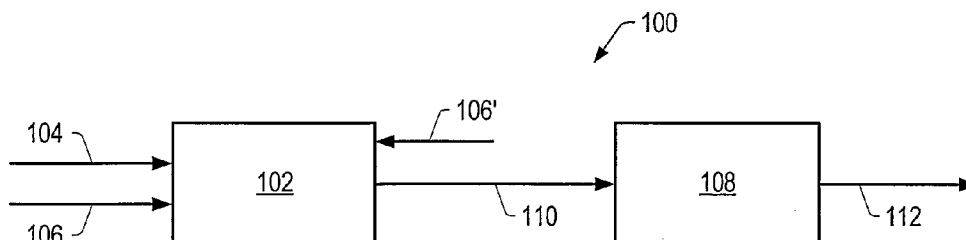
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(57) Abstract: Systems for treating a hydrocarbon feed to produce a total product are described herein. The system includes an upstream contacting system and a downstream contacting system. The upstream contacting system includes one or more catalysts. The hydrocarbon feed has a viscosity of at least 100 cSt at 37.8 °C. Contact of the hydrocarbon feed with one or more of the catalysts produces the total product. The total product includes a crude product having a viscosity at 37.8 °C of at most 50% of the viscosity of the first feed at 37.8 °C. The downstream contacting system is coupled to the upstream contacting system and configured to receive the first feed. The downstream contacting system includes a cracking unit and/or a deasphalting unit.

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