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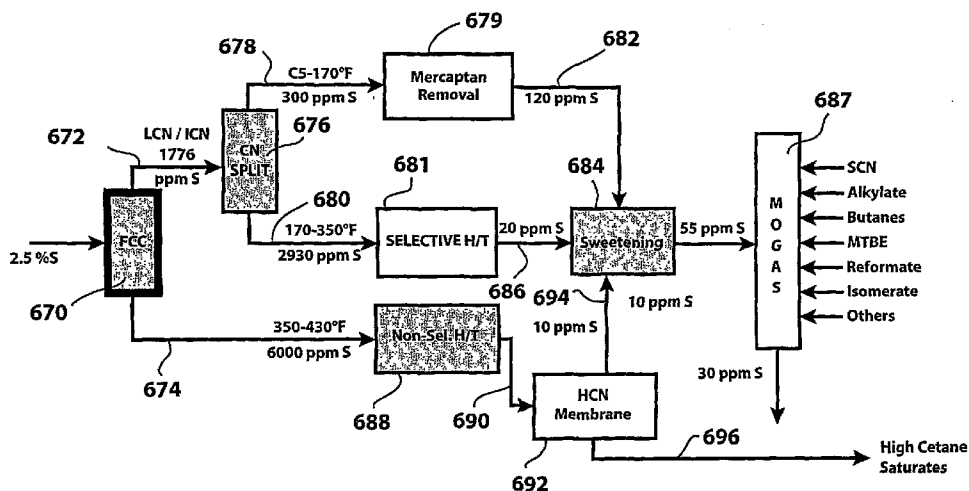
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(54) Title: PROCESS AND SYSTEM FOR SEPARATING COMPONENTS FOR BLENDING



(57) Abstract: A method and system for blending components obtained from a feed stock. The method includes flowing a first stream through a membrane member, with the membrane member having a first wafer assembly comprising a first thin film polymer membrane, a first permeate zone, and heat transfer means for transferring heat from the first permeate zone to the polymer membrane. The method includes exposing the first stream to the polymer membrane and providing a heated fluid to the heat transfer means in order to heat the permeate zone and the polymer membrane as the first stream is being flown through the first wafer assembly. The method further includes removing a permeate stream from the permeate zone. The permeate stream may be conducted to at least one refinery process unit for further processing. In the preferred embodiment, the feed stock is a naphtha. The system includes a wafer assembly adapted to receive the first stream, with the first wafer assembly comprising a plurality of wafers, and a first and second membrane member having a thin film polymer member. The system also includes heat transfer means for heating a permeate zone and the polymer membrane, as the first stream is being flown through the wafer assembly, and means for processing the produced permeate.



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