

Abstract

METHOD FOR PROCESSING ACID GAS AND APPARATUS THEREOF

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The present disclosure provides a method for processing an acid gas, comprising:
using a processor 1 for receiving and processing the acid gas to obtain a gas phase
stream 1 and a liquid phase stream 2, wherein the stream 2 is partially or completely
recycled to the processor 1; using a processor 2 for processing the stream 1 from the
10 processor 1 to obtain a gas phase stream 3 and a liquid phase stream 4; using a processor
3 for processing the stream 3 from the processor 2 to obtain a gas phase stream 5 and a
liquid phase stream 6; and using a processor 4 for receiving the stream 43 from the
processor 2 and using the stream 43 as a processing solution for processing the stream
5 from the processor 3 to obtain a gas phase stream 7 and a liquid phase stream 8, which
15 can be divided into two sub-streams including a stream 81 and a stream 82. The present
disclosure further provides an apparatus for processing an acid gas.

(Fig. 1)