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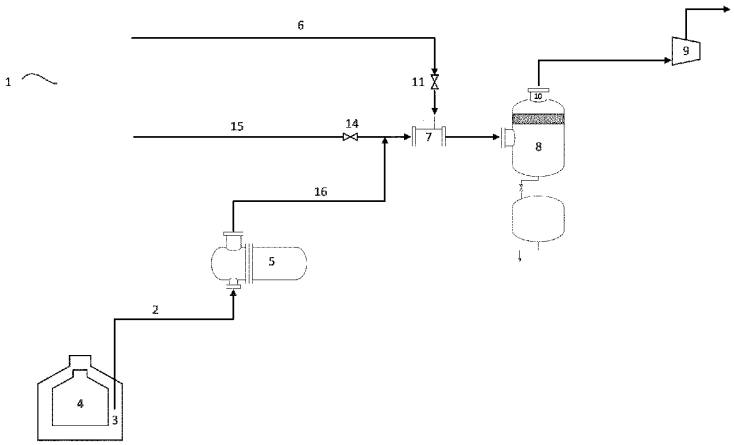
(54) **Title:** SYSTEM AND METHOD FOR VAPORIZING A CRYOGENIC GAS-LIQUID MIXTURE FROM AN INTER BARRIER SPACE OF A CRYOGENIC STORAGE TANK

Figure 1



(57) **Abstract:** System for vaporizing a cryogenic gas-liquid mixture comprising a cryogenic gas-liquid mixture supply line, a vaporizer, spraying means for spraying a cryogenic liquid into the vaporized cryogenic gas-liquid mixture at the outlet of the vaporizer, a mist separator for separating droplets of cryogenic liquid from the vaporized cryogenic gas-liquid mixture and a compressor. The temperature at the inlet of the compressor is controlled with a control valve located on a cryogenic liquid supply line.

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