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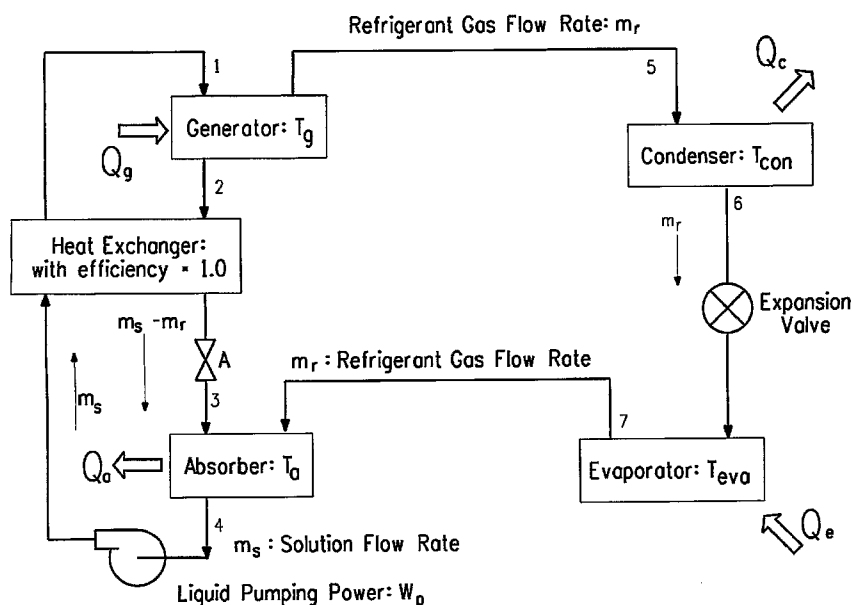
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(54) Title: ABSORPTION CYCLE UTILIZING IONIC LIQUID AS WORKING FLUID



(57) Abstract: The present invention relates to an absorption cycle comprising a refrigerant pair comprising at least one refrigerant and at least one ionic liquid. The present invention also provides an absorption cycle that utilizes fluorocarbon gases in fluorinated ionic liquids. The present invention also provides a method of cooling using an absorption cycle comprising a refrigerant pair comprising at least one refrigerant and at least one ionic liquid. The present invention also provides a method of heating using an absorption cycle comprising a refrigerant pair comprising at least one refrigerant and at least one ionic liquid.

WO 2006/084262 A1