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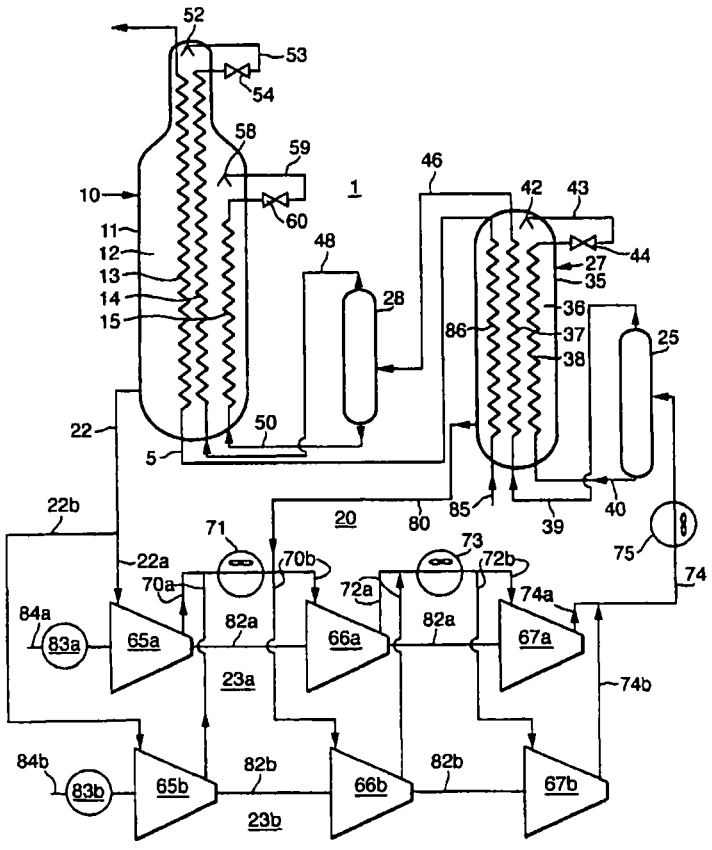
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(54) Title: OFFSHORE PLANT FOR LIQUEFYING NATURAL GAS



(57) Abstract: Plant (1) for liquefying natural gas comprising a main heat exchanger (10) in which the natural gas (5) is liquefied by means of indirect heat exchange with evaporating refrigerant, and a refrigerant circuit (20) in which evaporated refrigerant is compressed (23a, 23b) and liquefied to produce liquid refrigerant that is used in the main heat exchanger (10), wherein the refrigerant circuit (20) includes a compressor train (23a, 23b) consisting of at least one compressor (65a-67b) driven by an electric motor (83a, 83b).

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