

Title (en)
GAS REFRIGERATION MACHINE, METHOD FOR OPERATING A GAS REFRIGERATION MACHINE, AND METHOD FOR PRODUCING A GAS REFRIGERATION MACHINE WITH A COMPRESSOR ABOVE A TURBINE

Title (de)
GASKÄLTEMASCHINE, VERFAHREN ZUM BETREIBEN EINER GASKÄLTEMASCHINE UND VERFAHREN ZUM HERSTELLEN EINER GASKÄLTEMASCHINE MIT EINEM KOMPRESSOR OBERHALB EINER TURBINE

Title (fr)
MACHINE DE RÉFRIGÉRATION À GAZ, PROCÉDÉ DE FONCTIONNEMENT D'UNE MACHINE DE RÉFRIGÉRATION À GAZ ET PROCÉDÉ DE PRODUCTION D'UNE MACHINE DE RÉFRIGÉRATION À GAZ AVEC UN COMPRESSEUR AU-DESSUS D'UNE TURBINE

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Abstract (en)
[origin: WO2022090250A1] The invention relates to a gas refrigeration machine with the following features: an inlet (2) for gas to be cooled; a recuperator (10); a compressor (40) with a compressor inlet (41), said compressor inlet (41) being coupled to a first recuperator outlet (12); a heat exchanger (60); a turbine (70); and a gas outlet (5), wherein the compressor (40) is arranged above the turbine (70) in an operating direction in which the gas refrigeration machine is arranged for an operation of the gas refrigeration machine.

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