

Title (en)
REFRIGERATION PLANT

Title (de)
KAELTEANLAGE

Title (fr)
APPAREIL FRIGORIFIQUE

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Application
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Abstract (en)
[origin: WO2006087075A1] According to the invention, a refrigeration plant comprising a refrigerant circuit (10), in which a main mass flow (56) of a refrigerant flows which may be optimally matched to differing operating conditions may be achieved, whereby at least two refrigerant compressors (12a, 12b, 12c) are arranged in the refrigerant circuit which may be individually switched on for compression of the main mass flow and at least two of the refrigerant compressors have an additional compressor stage (70). Each of the compressor stages may be optionally applied to compression of refrigerant from the main mass flow or for compression of refrigerant from the additional mass flow (86) and a controller (90) is provided which, in a first operating mode depending on operating conditions, such a number of additional compressor stages may be switched on for compression of refrigerant from the additional mass flow that the expansion cooling device (24, 28) condenses the main mass flow and reduces the enthalpy thereof.

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