

Title (en)

REFRIGERANT SYSTEM WITH VARIABLE SPEED COMPRESSOR IN TANDEM COMPRESSOR APPLICATION

Title (de)

KÜHLSYSTEM MIT VERDICHTER MIT VARIABLER GESCHWINDIGKEIT IN EINER DOPPELVERDICHTERANWENDUNG

Title (fr)

SYSTEME REFRIGERANT AVEC COMPRESSEUR A VITESSES VARIABLES DANS UNE APPLICATION DE COMPRESSEURS EN TANDEM

Publication

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Application

EP 06720737 A 20060214

Priority

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- US 10134705 A 20050407

Abstract (en)

[origin: US2006225445A1] A refrigerant system is provided with tandem compressors. As is known, tandem compressors operate in parallel to provide a refrigerant system designer with the ability to achieve a stepped capacity control of the refrigerant system. At least one of the tandem compressors is provided with a variable speed drive. Further, at least one of the tandem compressors may be provided with the economizer and/or unloader functions. System configurations with multiple compression stages and multiple injection ports are disclosed. In this manner, the stepless capacity control can be achieved.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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