

Title (en)  
REFRIGERATION SYSTEM FOR COOLING A CONTAINER

Title (de)  
KÄLTEANLAGE ZUR KÜHLUNG EINES CONTAINERS

Title (fr)  
INSTALLATION FRIGORIFIQUE POUR REFROIDIR UN CONTENEUR

Publication  
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Application  
**EP 11722022 A 20110528**

Priority

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Abstract (en)  
[origin: WO2012003906A2] The invention relates to a refrigeration system for cooling the interior of a mobile refrigerated space, for example a refrigerated container, comprising two speed-controlled compressors, which can be operated in parallel as a single stage or one after the other as two stages by means of one controllable bypass line per compressor and a controllable valve device between the pressure side and the suction side of each compressor. The valve devices receive signals from a controller having algorithms, into which the usage temperature and ambient temperature are fed as a target value or measured value. The most energy-efficient operating modes and the rotational speeds of the compressors result from the requirements profile of the container refrigeration.

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