

Title (en)  
REFRIGERATION MACHINE

Title (de)  
KÄLTEMASCHINE

Title (fr)  
MACHINE FRIGORIFIQUE

Publication  
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Application  
**EP 12822960 A 20120920**

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Abstract (en)  
[origin: WO2013041091A2] The invention relates to a refrigeration machine, by means of which refrigerant in the form of air is compressed and expanded and thus cools off. Said refrigeration machine (1) includes at least one longitudinally extending or curved pressure chamber (D) and one or more occluding means (6) for continually occluding the pressure chamber (D) along the pressure chamber. The refrigerant can be fed to the pressure chamber at a specific pressure and temperature (T) and can be conducted within the pressure chamber (D) as the pressure chamber is continually occluded, the refrigerant being compressed as a result of the occluding action and being expanded in the direction of travel following the occluding action and thus cooling off to a temperature  $T_1 < T$ .

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See references of WO 2013041091A2

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