

Title (en)
HYDRAULIC POWER UNIT FOR A REFRIGERATION SYSTEM

Title (de)
HYDRAULISCHE ANTRIEBSEINHEIT FÜR EIN KÜHLSYSTEM

Title (fr)
BLOC HYDRAULIQUE POUR SYSTEME DE REFRIGERATION

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Application
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Priority
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Abstract (en)
[origin: WO2007011324A1] A hydraulic power unit for a refrigeration system. According to one aspect of the invention, the power unit is provided for driving the refrigeration system of a truck having an engine for propelling the truck and a power take off from the engine. The refrigeration system has a compressor for compressing a refrigerant and an evaporator which is cooled by the compressed refrigerant. The power unit comprises a pump, a compressor motor, and a hydraulic circuit. The pump is adapted for pumping hydraulic fluid and for connection to the power take off for driving the pump. The compressor motor is adapted for driving the compressor in response to receiving hydraulic fluid from the pump. The hydraulic circuit is adapted for conducting the hydraulic fluid from the pump to the compressor motor and for conducting the hydraulic fluid from the compressor motor back to the pump.

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