Title (en)

METHOD AND DEVICE FOR COOLING AN ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM KÜHLEN EINES MOTORS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE REFROIDISSEMENT D'UN MOTEUR

Publication

**EP 2989397 A1 20160302 (DE)**

Application

**EP 14714996 A 20140402**

Priority

- DE 102013207344 A 20130423
- EP 2014056567 W 20140402

Abstract (en)

[origin: WO2014173641A1] The invention relates to a method and a device for cooling an engine, wherein the engine drives at least one at least two-stage compressor (2) of a refrigerant circuit (1), which compressor comprises at least a first compression stage (3) and a second compression stage (4), wherein a refrigerant is conducted through the refrigerant circuit (1), which refrigerant is raised from a low pressure level to a medium pressure level in the first compression stage (3) and from the medium pressure level to a high pressure level in the second compression stage (4) and, subsequently to the second compression stage (4), is expanded to the medium pressure level with a release of heat.

IPC 8 full level

**F25B 31/00** (2006.01); **F25B 1/10** (2006.01)

CPC (source: EP US)

**F25B 1/10** (2013.01 - EP US); **F25B 31/006** (2013.01 - EP US); **F25B 31/026** (2013.01 - US); **F25B 41/39** (2021.01 - EP); **F25B 49/025** (2013.01 - US); F25B 41/39 (2021.01 - US); F25B 2400/13 (2013.01 - EP US); F25B 2400/23 (2013.01 - EP US)

Citation (search report)

See references of WO 2014173641A1

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