

Title (en)

System for heat recovery of a combustion engine

Title (de)

Wärmerückgewinnungsanlage einer Brennkraftmaschine

Title (fr)

Système de récupération de chaleur d'un moteur à combustion

Publication

**EP 2789811 A1 20141015 (EN)**

Application

**EP 13162727 A 20130408**

Priority

EP 13162727 A 20130408

Abstract (en)

System for heat recovery (WHR) of a combustion engine (E), the system comprising recovery means for developing a Rankine Cycle by exploiting the heat produced by the combustion engine, said recovery means comprising a condenser for condensation of a WHR medium, wherein the condenser (COND) is an exchanger of the WHR medium to air type. Heat sources are CAC, engine coolant (includes also the EGR heat) and exhaust gas.

IPC 8 full level

**F01K 15/02** (2006.01); **F01K 23/06** (2006.01)

CPC (source: EP)

**F01K 15/02** (2013.01); **F01K 23/065** (2013.01)

Citation (search report)

- [X] CA 2676502 A1 20110224 - JUCHYMENKO VICTOR [CA]
- [X] EP 2551478 A1 20130130 - SANDEN CORP [JP]
- [X] EP 2500530 A1 20120919 - MITSUBISHI HEAVY IND LTD [JP]
- [XY] CA 2812160 A1 20120405 - SANDEN CORP [JP]
- [X] WO 2012088532 A1 20120628 - CUMMINS IP INC [US], et al
- [Y] EP 2098696 A1 20090909 - IVECO MOTORENFORSCHUNG AG [CH]
- [A] WO 2006097089 A2 20060921 - KUEPFER EWALD [DE]

Cited by

EP3227536A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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