

Title (en)
DEVICE AND METHOD FOR VENTILATING A CRANKCASE

Title (de)
VORRICHTUNG UND VERFAHREN ZUR KURBELGEHÄUSEENTLÜFTUNG

Title (fr)
DISPOSITIF ET PROCÉDÉ DE DÉGAZAGE D'UN CARTER

Publication
EP 2297434 B1 20111109 (DE)

Application
EP 09768885 A 20090527

Priority
• EP 2009003751 W 20090527
• DE 102008029904 A 20080624

Abstract (en)
[origin: WO2009156036A1] The invention relates to a device and a method for ventilating a crankcase (10) of a supercharged internal combustion engine, wherein a plurality of collecting chambers (28, 30) for ventilation gases are provided, having individual oil separators (88, 90) associated therewith. Contrary to full load operation, during partial load operation the ventilation gas of a collecting chamber (28) is fed to a non-associated oil separator (90) and is ventilated using the same.

IPC 8 full level
F01M 13/02 (2006.01); **F01M 13/04** (2006.01)

CPC (source: EP)
F01M 13/022 (2013.01); **F01M 13/023** (2013.01); **F01M 13/04** (2013.01); **F01M 2013/0044** (2013.01); **F01M 2013/0061** (2013.01); **F01M 2013/0094** (2013.01); **F01M 2013/027** (2013.01)

Cited by
DE202014003301U1; US9988957B2

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
DE 102008029904 A1 20091231; AT E532948 T1 20111115; EP 2297434 A1 20110323; EP 2297434 B1 20111109; ES 2373778 T3 20120208; WO 2009156036 A1 20091230

DOCDB simple family (application)
DE 102008029904 A 20080624; AT 09768885 T 20090527; EP 09768885 A 20090527; EP 2009003751 W 20090527; ES 09768885 T 20090527