

Title (en)
DRIVE DEVICE

Title (de)
ANTRIEBSEINRICHTUNG

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT

Publication
EP 1910650 A2 20080416 (DE)

Application
EP 06778086 A 20060731

Priority
• EP 2006064868 W 20060731
• DE 102005037109 A 20050803

Abstract (en)
[origin: WO2007014942A2] The invention relates to a drive system for motor vehicles comprising a waste heat-producing internal combustion engine and a circuit for draining off at least partially said waste heat with a working fluid which is relievable in an expansion machine, wherein said working fluid comprises several components, wherein at least one component is transferable into a gas phase by absorbing heat of the internal combustion engine and/or another source inside the drive system which also comprises means for separating the liquid fraction from the working fluid prior to the expansion machine pressure removal. The internal combustion engine can be cooled by a first cooling circuit. A second cooling circuit can be used in such a way that the first cooling circuit is cooled thereby.

IPC 8 full level
F01K 23/06 (2006.01)

CPC (source: EP US)
F01K 23/065 (2013.01 - EP US); **F01K 25/06** (2013.01 - EP US); **F01K 25/065** (2013.01 - EP US); **F01N 5/02** (2013.01 - EP US); **F02G 5/02** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)
See references of WO 2007014942A2

Cited by
CN110273723A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007014942 A2 20070208; WO 2007014942 A3 20070719; EP 1910650 A2 20080416; US 2010212304 A1 20100826; US 8091360 B2 20120110

DOCDB simple family (application)
EP 2006064868 W 20060731; EP 06778086 A 20060731; US 98992406 A 20060731