

Title (en)
EGR CONSTRUCTION FOR OPPOSED-PISTON ENGINES

Title (de)
AGR-KONSTRUKTION FÜR MOTOREN MIT ENTGEGENGESETZTEN KOLBEN

Title (fr)
CONSTRUCTION EGR POUR MOTEUR À PISTONS OPPOSÉS

Publication
EP 2572089 A1 20130327 (EN)

Application
EP 11721839 A 20110516

Priority
• US 40159810 P 20100816
• US 39584510 P 20100518
• US 2011000864 W 20110516

Abstract (en)
[origin: WO2011146111A1] A two-stroke, opposed-piston engine (49) with one or more ported cylinders (c) and uniflow scavenging includes an exhaust gas recirculation (EGR) construction (131) that provides a portion of the exhaust gasses produced by the engine (49) for mixture with charge air to control the production of NO_x during combustion.

IPC 8 full level
F02B 25/08 (2006.01); **F02B 29/04** (2006.01); **F02B 37/013** (2006.01); **F02B 37/16** (2006.01); **F02B 37/18** (2006.01); **F02B 75/28** (2006.01); **F02M 25/07** (2006.01)

CPC (source: EP)
F02B 25/08 (2013.01); **F02B 75/28** (2013.01); **F02F 1/186** (2013.01); **F02B 2075/025** (2013.01); **F02B 2275/14** (2013.01)

Citation (search report)
See references of WO 2011146111A1

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

DOCDB simple family (publication)
WO 2011146111 A1 20111124; CN 103026024 A 20130403; CN 103026024 B 20160127; EP 2572089 A1 20130327; EP 2572089 B1 20150318; JP 2013529275 A 20130718; JP 6117695 B2 20170419

DOCDB simple family (application)
US 2011000864 W 20110516; CN 201180024717 A 20110516; EP 11721839 A 20110516; JP 2013511146 A 20110516