

Title (en)  
TURBOCHARGER EGR MODULE

Title (de)  
TURBOLADER-EGR-MODUL

Title (fr)  
MODULE DE RECIRCULATION DES GAZ D'ÉCHAPPEMENT DE TURBOCOMPRESSEUR

Publication  
**EP 2630353 A4 20140716 (EN)**

Application  
**EP 11834877 A 20111013**

Priority  
• US 39402310 P 20101018  
• US 2011056055 W 20111013

Abstract (en)  
[origin: WO2012054282A2] A product comprising a turbine torsionally connected to a compressor, a housing for said turbine, a housing for said compressor fixed with respect to said turbine housing, and an exhaust gas recirculation valve mounted on at least one of said turbine or said compressor housings.

IPC 8 full level  
**F02B 39/00** (2006.01); **F02M 25/07** (2006.01); **F04D 29/00** (2006.01)

CPC (source: EP KR US)  
**F01D 25/24** (2013.01 - KR); **F02B 39/00** (2013.01 - KR); **F02M 26/05** (2016.02 - EP US); **F02M 26/06** (2016.02 - EP US);  
**F02M 26/23** (2016.02 - EP US); **F04D 29/002** (2013.01 - US); **F02B 39/00** (2013.01 - EP US)

Citation (search report)  
• [Y] WO 2006122306 A2 20061116 - BORGWARNER INC [US], et al  
• [Y] US 2008223038 A1 20080918 - LUTZ RAINER [DE], et al  
• [Y] WO 2007073447 A1 20070628 - CATERPILLAR INC [US], et al  
• [Y] US 2010024414 A1 20100204 - HITTLE CRAIG PHILLIP [US], et al  
• [Y] WO 0165104 A1 20010907 - HONEYWELL INT INC [US]  
• See references of WO 2012054282A2

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 2012054282 A2 20120426; WO 2012054282 A3 20120621**; CN 103154468 A 20130612; EP 2630353 A2 20130828;  
EP 2630353 A4 20140716; EP 2630353 B1 20151125; KR 20130143052 A 20131230; US 2013195628 A1 20130801

DOCDB simple family (application)  
**US 2011056055 W 20111013**; CN 201180047793 A 20111013; EP 11834877 A 20111013; KR 20137011919 A 20111013;  
US 201113877484 A 20111013