

Title (en)  
High-pressure oil manifold for a diesel engine

Title (de)  
Hochdruckölverteiler für Dieselmotor

Title (fr)  
Collecteur de distribution d'huile à haute pression pour moteur diesel

Publication  
**EP 2050953 A3 20100421 (EN)**

Application  
**EP 08016720 A 20080923**

Priority  
US 87304507 A 20071016

Abstract (en)  
[origin: EP2050953A2] A cast oil manifold (10) has entrance openings (28) from a reservoir (18) to cast-in gooseneck outlet tubes (16) that are substantially elliptical, enabling less material to be used in the vicinity in comparison to the amount of material used when the openings are circular.

IPC 8 full level  
**F02M 59/10** (2006.01)

CPC (source: EP KR US)  
**F01M 1/02** (2013.01 - EP); **F01M 11/02** (2013.01 - EP); **F02M 55/00** (2013.01 - KR); **F02M 55/02** (2013.01 - KR); **F02M 57/025** (2013.01 - EP US)

Citation (search report)  
• [X] GB 2337082 A 19991110 - PERKINS ENGINES CO LTD [GB]  
• [A] US 5325834 A 19940705 - BALLHEIMER BENNY [US], et al  
• [I] EP 1435454 A1 20040707 - BOSCH GMBH ROBERT [DE]  
• [A] US 5297523 A 19940329 - HAFNER GREGORY G [US], et al  
• [I] MATTHEW E MOORE ET AL: "Electronic unit pump and intensifier fuel system", RESEARCH DISCLOSURE, MASON PUBLICATIONS, HAMPSHIRE, GB, vol. 482, no. 140, 1 June 2004 (2004-06-01), XP007133986, ISSN: 0374-4353

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KR20200006623A; WO2018224721A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2050953 A2 20090422; EP 2050953 A3 20100421**; BR PI0804356 A2 20090616; CA 2639795 A1 20090416; CN 101413468 A 20090422; KR 20090038832 A 20090421; MX 2008012679 A 20090508; RU 2008139792 A 20100420; US 2009095571 A1 20090416

DOCDB simple family (application)  
**EP 08016720 A 20080923**; BR PI0804356 A 20081015; CA 2639795 A 20080924; CN 200810166045 A 20081015; KR 20080101554 A 20081016; MX 2008012679 A 20081002; RU 2008139792 A 20081008; US 87304507 A 20071016