

Title (en)  
ELECTRIC PUMP FOR A HYBRID VEHICLE

Title (de)  
ELEKTRISCHE PUMPE FÜR EIN HYBRIDFAHRZEUG

Title (fr)  
POMPE ÉLECTRIQUE POUR UN VÉHICULE HYBRIDE

Publication  
**EP 2973961 A4 20161012 (EN)**

Application  
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Abstract (en)  
[origin: WO2014143303A1] A hydraulic system for a hybrid module which is located between an engine and a transmission includes a parallel arrangement of a mechanical pump and an electric pump. Each pump is constructed and arranged to deliver oil to other portions of the hydraulic system depending on the operational mode. Three operational modes are described including an electric mode, a transition mode, and a cruise mode. Various monitoring and control features are incorporated into the hydraulic system.

IPC 8 full level  
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CPC (source: EP US)  
**B60K 6/547** (2013.01 - EP US); **F04B 17/03** (2013.01 - US); **F04C 2/10** (2013.01 - US); **F04C 2/102** (2013.01 - EP US); **F16H 61/0031** (2013.01 - EP US); **F04C 2230/60** (2013.01 - EP US); **F04C 2240/805** (2013.01 - EP US)

Citation (search report)  
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• [A] EP 2495442 A2 20120905 - TI GROUP AUTOMOTIVE SYS LLC [US]  
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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)  
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US 2015132163 A1 20150514

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