

Title (en)

COOLANT CIRCUIT FOR A LIQUID-COOLED TRANSMISSION

Title (de)

KÜHLMITTELKREISLAUF FÜR FLÜSSIGKEITSGEKÜHLTE GETRIEBE

Title (fr)

CIRCUIT À FLUIDE DE REFROIDISSEMENT POUR BOÎTE DE VITESSES À REFROIDISSEMENT PAR LIQUIDE

Publication

**EP 3320197 A1 20180516 (DE)**

Application

**EP 16728292 A 20160608**

Priority

- DE 102015212733 A 20150708
- EP 2016062934 W 20160608

Abstract (en)

[origin: WO2017005438A1] The invention relates to a coolant circuit (1) with an engine cooling circuit (10, 11) in which coolant can be circulated in order to cool an internal combustion engine (6, 8) that has a cylinder head cooling circuit (10) and a crankcase cooling circuit (11) separated from the cylinder head cooling circuit; a transmission cooling circuit (19) for cooling a transmission (20), said transmission cooling circuit branching off from the motor cooling circuit (10, 11); a valve (14) which is arranged in the transmission cooling circuit (19); and a controller (26) which is designed to open and close the valve (14) depending on an operating state of the internal combustion engine and/or the transmission. In particular, the transmission cooling circuit (19) branches off from the crankcase cooling circuit (11) to a section along which the crankcase cooling circuit (19) is separated from the cylinder head cooling circuit (10).

IPC 8 full level

**F01P 3/20** (2006.01)

CPC (source: EP US)

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**F01P 2003/027** (2013.01 - EP US); **F01P 2007/146** (2013.01 - US); **F01P 2025/62** (2013.01 - EP US); **F01P 2025/64** (2013.01 - EP US);  
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Citation (search report)

See references of WO 2017005438A1

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DOCDB simple family (publication)

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