

Title (en)

Cooling system, in particular for a motor vehicle

Title (de)

Kühlsystem, insbesondere eines Kraftfahrzeuges

Title (fr)

Système de refroidissement, en particulier d'un véhicule automobile

Publication

EP 2148059 B1 20130220 (DE)

Application

EP 09009331 A 20090717

Priority

DE 102008034973 A 20080725

Abstract (en)

[origin: EP2148059A2] The cooling system has a hydrodynamic coupling (5) with a primary gear (6) and a secondary gear (7) which forms a torus-shaped operation space. The operation space is filled and emptied by a working medium or a working medium outlet for transferring a hydrodynamic torque from the primary gear to the secondary gear. A pump impeller is coupled with the secondary gear in a rotational manner.

IPC 8 full level

F01P 5/12 (2006.01); **F01P 7/16** (2006.01); **F01P 7/04** (2006.01)

CPC (source: EP)

F01P 5/12 (2013.01); **F01P 7/164** (2013.01); **F01P 7/167** (2013.01); **F01P 2025/60** (2013.01); **F01P 2060/06** (2013.01)

Cited by

EP2785995A4; CN111254499A; EP3730796A1; WO2013082400A1; US9416720B2; US10119453B2; US10914227B2

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DOCDB simple family (publication)

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