Title (en)

COOLING SYSTEM FOR TESTING LIFETIME OF HYBRID POWER VEHICLE CONTROLLER

Title (de)

KÜHLSYSTEM ZUM TESTEN DER LEBENSDAUER EINER HYBRIDFAHRZEUGSTEUERUNG

Title (fr)

SYSTÈME DE REFROIDISSEMENT POUR TESTER LA DURÉE DE VIE D'UN ORGANE DE COMMANDE DE VÉHICULE À ÉNERGIE HYBRIDE

Publication

EP 2357545 B1 20160323 (EN)

Application

EP 09827170 A 20091116

Priority

- CN 2009074955 W 20091116
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Abstract (en)

[origin: WO2010057421A1] A cooling system for testing lifetime of hybrid power vehicle controller is provided. The cooling system includes a control unit (8), many flow control valves (1), a water pump (4), a diverter (2), many condensers (3), a water tank (5), and many cooling benches (6) which are provided with temperature sensors. The said control unit (8) receives temperature signals from temperature sensors of the cooling benches (6), and sends control signals to the water pump (4), the flow control valves (1) and the diverter (2) in order to control the operation of the water pump (4), the flow control valves (1) and the diverter (2). The cooling water that is pumped from the water tank (5) by the water pump (4) is shunted to the flow control valves (1) and the cooling benches (6) that are communicated with the flow control valves (1). The cooling water flowing through the cooling benches (6) is converged into the diverter (2), and is then fed back to the water tank (5) after flowing through one or several condensers (3).

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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