

Title (en)

INDUCTIVE ENERGY OPTIMIZED VACUUM SOLENOID VALVE

Title (de)

INDUKTIVES ENERGIEOPTIMIERTES VAKUUMMAGNETVENTIL

Title (fr)

ÉLECTROVALVE DE DÉPRESSION OPTIMISÉE PAR TRANSMISSION D'ÉNERGIE PAR INDUCTION

Publication

**EP 2901058 A2 20150805 (EN)**

Application

**EP 13841757 A 20130924**

Priority

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- IN 2013000574 W 20130924

Abstract (en)

[origin: WO2014049608A2] The present invention provides a vacuum solenoid valve which minimizes the switch off or inductive energy to such an extent so that it prevents sudden damage of an electric control unit in a motor vehicle from increased inductive load. Inductive energy optimized vacuum solenoid valve is able to respond to the ON/OFF signal from the ECU at very low inductive load of 17.4mJ at 26V, RT and 24.7mJ at 26V, -400C. This optimized inductive load is almost insufficient to damage the ECU or other electrical components on sudden increase or decrease in temperature in a motor vehicle parts.

IPC 8 full level

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