

Title (en)

CONNECTOR FOR A FUEL PUMP OF A MOTOR VEHICLE

Title (de)

STECKER FÜR EINE KRAFTSTOFFPUMPE EINES KRAFTFAHRZEUGS

Title (fr)

CONNECTEUR POUR POMPE A ESSENCE D'AUTOMOBILE

Publication

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Application

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Priority

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Abstract (en)

[origin: US6478613B1] Connectors for fuel pumps in motor vehicles have fuel flowing around them. Apart from the connections for the electrical supply lines, such connectors make contact with further electrical components. Corrosive components in fuels attack the connecting points of the connector to the electrical components, so that this can lead to failure of the fuel pump. The new connector is intended to have connecting points which are no longer attacked by the fuel. By extrusion coating parts of the connector with plastic, the connecting points are effectively protected against attack by fuel. Recesses in the plastic extrusion coating allow fuel to still flow around parts of the connector for cooling, while the regions of the connector which are at risk are separated from the fuel.

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CPC (source: EP KR US)

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