

Title (en)
THERMOELECTRIC DEVICE, IN PARTICULAR INTENDED TO GENERATE AN ELECTRIC CURRENT IN A MOTOR VEHICLE

Title (de)
THERMOELEKTRISCHE VORRICHTUNG, IM BESONDEREN ZUR STROMERZEUGUNG BEI EINEM KRAFTFAHRZEUG

Title (fr)
DISPOSITIF THERMO ÉLECTRIQUE, NOTAMMENT DESTINÉ À GÉNÉRER UN COURANT ÉLECTRIQUE DANS UN VÉHICULE AUTOMOBILE

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Application
EP 11736115 A 20110728

Priority
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Abstract (en)
[origin: WO2012041558A1] The invention relates to a thermoelectric device comprising: a first circuit (1), or hot circuit, through which a first fluid can flow; a second circuit (2), or cold circuit, through which a second fluid can flow at a temperature below that of the first fluid; and elements (3p, 3n), known as thermoelectric elements, which can be used to generate an electric current in the presence of a temperature gradient. According to the invention, the device includes fins (5f) disposed in a heat exchange relationship with the hot circuit (1) and/or the cold circuit (2), said thermoelectric elements (3p, 3n) being in contact at least with the fins (5f) which are provided with strip conductors (32) for the current generated by the thermoelectric elements.

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Citation (search report)
See references of WO 2012041558A1

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