

Title (en)
THERMOELECTRIC DEVICE

Title (de)
THERMOELEKTRISCHE VORRICHTUNG

Title (fr)
DISPOSITIF THERMOÉLECTRIQUE

Publication
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Application
EP 10710021 A 20100319

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Abstract (en)
[origin: WO2010106156A2] The invention relates to a thermoelectric generator (33) having a plurality of thermoelectric devices (1), through which an exhaust gas of an internal combustion engine flows in succession. Each thermoelectric device (1) forms at least one hot flow path for the exhaust gas and at least one cold flow path for a coolant, a plurality of p- and n-doped insulated semiconductor elements (7) being connected in a targeted manner between said paths. In at least one thermoelectric device (1), at least part of the semiconductor elements (7) are fixed to a flexible medium (50).

IPC 8 full level
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F01N 5/025 (2013.01 - EP US); **H10N 10/17** (2023.02 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)
See references of WO 2010106156A2

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