

Title (en)  
HEATING MODULE FOR AN EXHAUST PURIFICATION SYSTEM

Title (de)  
HEIZMODUL FÜR EINE ABGASREINIGUNGSANLAGE

Title (fr)  
MODULE DE CHAUFFAGE POUR SYSTÈME DE PURIFICATION DE GAZ D'ÉCHAPPEMENT

Publication  
**EP 2691614 A1 20140205 (DE)**

Application  
**EP 12713927 A 20120326**

Priority  
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Abstract (en)  
[origin: CA2830026A1] A heating module (1) for an exhaust-gas purification system connected to the outlet of an internal combustion engine comprises a catalytic burner, with an HC injector (14) and with an oxidation catalytic converter (12) positioned downstream of the HC injector (14) in the flow direction of the exhaust gas, for supplying thermal energy to an exhaust-gas purification unit of the exhaust-gas purification system. It is provided here that the heating module (1) has a main section (2), a secondary section (3) which comprises the catalytic burner (12, 14), and a device (4, 5) for controlling the exhaust-gas mass flow flowing through the secondary section (3). In a first embodiment, the main section (2) has, in the inlet region of the heating module (1), an overflow pipe portion (6) which has overflow openings (7), between which overflow diverting chambers (8) is situated, parallel to the main section (2) of the heating module (1), the secondary section portion (11) with the oxidation catalytic converter (12). In another embodiment, it is provided that the secondary section (3) has, at the inlet side and outlet side, in each case one diverting chamber (8) which extends in the radial direction from the main section (2), between which diverting chambers (8) is situated, parallel to the main section (2) of the heating module (1), the secondary section portion (11) with the oxidation catalytic converter (12).

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