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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Ui))*

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(54) **Title:** CATALYTICCONVERTER WITH MOUNTING DEVICE FOR A HOT EXHAUST GAS OXYGEN SENSOR

(57) **Abstract:** A catalytic converter (Fig. 1) having a housing (12) holding upstream and downstream catalytic material (14,16) carrying substrates or bricks includes a ring (40) located between the substrates (14,16), the ring (40)having a gap therein for receipt of a mid-bed oxygen sensor (via 20). The ring (40) traps a layer of insulating material (42) between the ring (40) and the converter housing (12) or shell surface surrounding the inter-substrate gap. The ring (40) is coupled to the housing (12) at a plurality of embossments 44) either by welding or mechanical couplings.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC: **BOID** 50/00(2006.01)

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 422/179, 180

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
APS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/0024215 A (Kroner et al.) 02 February 2006 (02.02.2006), Entire Column	1-5

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

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