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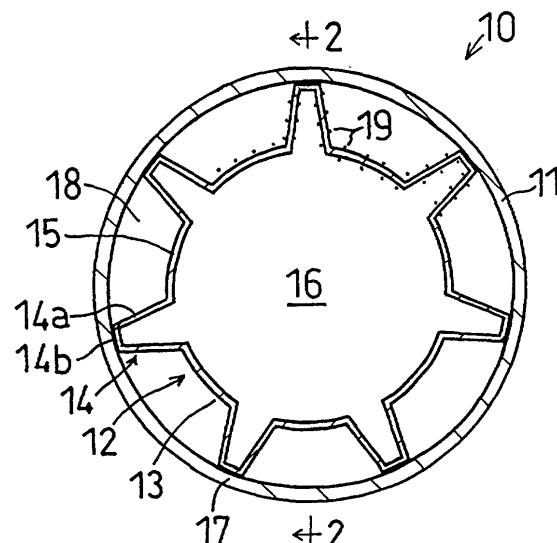
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(54) Pipe-shaped catalyst construction for exhaust gas purification

(57) The present invention intends to provide a pipe-shaped catalyst construction 10 which has high catalyst ability and which is excellent in high temperature resisting character, in a pipe-shaped catalyst construction. It is comprised of a pipe-shaped supporting body including a metallic pipe 11 and a cylindrical metallic foil 12 contained therein and provided with plural concaved portions 13 formed circumferentially, and a catalyst material 19 supported on the metallic foil.

In such catalyst construction, the metallic foil 12 is disposed along an inner peripheral surface of the pipe 11 except for a central portion of the metallic pipe in section. Also, rate of a central sectional area portion where the metallic foil 12 is not disposed to a whole sectional area of the pipe 11 defined by the inner peripheral surface of the pipe is selected to be 20 % to 60 %.

FIG. 1





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	DE 197 04 689 A (EMITEC EMISSIONSTECHNIK) 13 August 1998 (1998-08-13) * abstract * * column 2, line 53 - column 3, line 26 * * column 6, line 38 - line 51 * * column 7, line 36 - line 38; figures 1,4 * -----	1	F01N3/28 F01N7/08
TECHNICAL FIELDS SEARCHED (Int.Cl.7)			
F01N			
The present search report has been drawn up for all claims.			
Place of search	Date of completion of the search	Examiner	
The Hague	11 August 2004	Friden, C	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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