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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 20 89 47 34

Classification of the application (IPC):
B01J 23/86, ***C01G 51/00***, ***B01J 37/02***, ***B01J 37/08***, ***C01G 37/14***, ***F01N 3/28***, ***F23C 13/08***, ***B01D 53/86***, ***B01J 37/16***

Technical fields searched (IPC):
B01J, B01D, F02M

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	**WANG ZHIWEI ET AL**: "Three-dimensionally ordered macroporous CoCr2O4-supported Au-Pd alloy nanoparticles: Highly active catalysts for methane combustion" *CATALYSIS TODAY, ELSEVIER, AMSTERDAM, NL*, 02 June 2016 (2016-06-02), vol. 281, DOI: 10.1016/J.CATTOD.2016.05.035, ISSN: 0920-5861, pages 467-476, XP029832216 * page 468, left-hand column, paragraph 2.1 * * page 468, right-hand column, paragraph 2 * * page 469, right-hand column, paragraph 2; figure 3f * * page 468, right-hand column, paragraph 2.2; table 1 * * page 472, right-hand column, paragraph 3.4 - page 474, left-hand column, paragraph 1; figure 8A; table 3 * * page 468, right-hand column, paragraph 2.3 - page 469, left-hand column, paragraph 1 *	1-13 14, 15
X Y	**Gotta L ET AL**: "Catalytic activity of substituted chromite spinels for the oxidation of methane emitted by CNG engines" *combustion-institute*, 01 January 2006 (2006-01-01), pages 1-6 URL: http://www.combustion-institute.it/proceedings/proc2006/documenti/Papers/02-04-gotta-022.pdf [retrieved on 05 August 2021 (2021-08-05)] XP055830348 * page II4.1, paragraph 2.1 - page II4.2, paragraph 1 * * page II4.3, paragraph 3.; figure 1 * * table 1 * * page II4.3, paragraph 2.2; figure 2 *	8-15 14, 15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search	Date of completion of the search	Examiner
The Hague	16 November 2023	Beckmann, Oliver

CATEGORY OF CITED DOCUMENTS

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
T: theory or principle underlying the invention
E: earlier patent document, but published on, or after the filing date
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