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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: PROCESS FOR SULFIDING CATALYSTS FOR A SOUR GAS SHIFT PROCESS

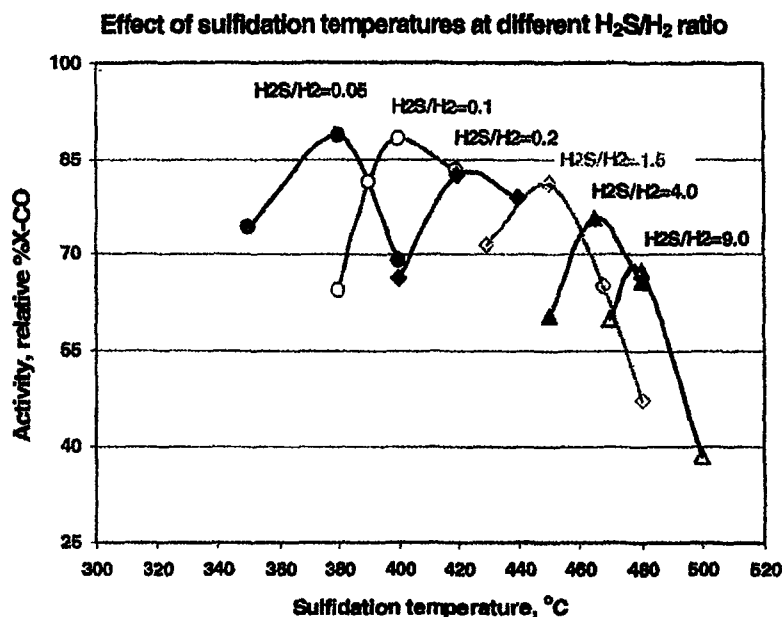


FIGURE 1

(57) Abstract: A process for the sulfidation of a sour gas shift catalyst, wherein the temperature of the sulfidation feed stream is coordinated with the sulfur/hydrogen molar ratio in that feed stream to obtain enhanced performance of the sour gas shift catalyst. In the sulfidation process to produce a sour gas shift catalyst, the lower the sulfur to hydrogen molar ratio of the sulfidation feed stream, the lower the required temperature of the sulfidation feed stream. The sulfidation reaction can be further enhanced by increasing the pressure on the sulfidation feed stream.

WO 2010/037008 A3



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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
  - *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
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## A. CLASSIFICATION OF SUBJECT MATTER

INV. B01J23/882 B01J23/883 B01J23/887 B01J23/888 B01J27/049  
 B01J37/20 C01B3/16

ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 B01J C01B

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 practical, search terms used)

EPO-Internal

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

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01/12/2010

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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