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(54) Title: A ZEOLITE COATING PREPARATION ASSEMBLY AND OPERATION METHOD

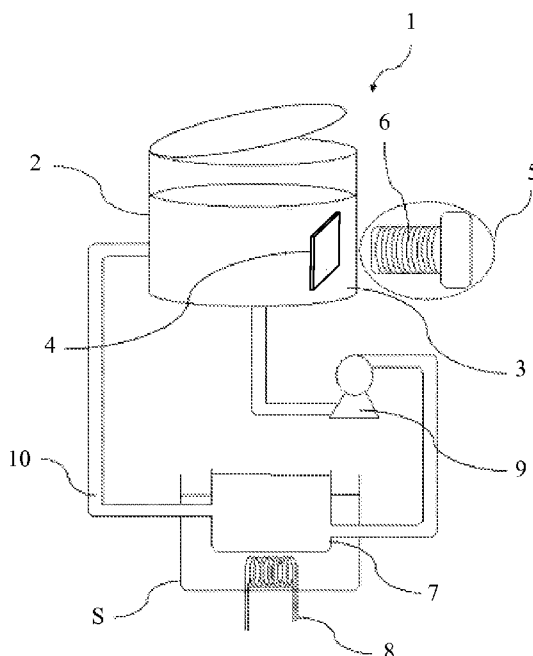


Figure 1

(57) Abstract: The present invention relates to a zeolite coating preparation assembly (1) and operation method wherein zeolite adsorbents are coated by crystallization process on various surfaces heated by induction. The objective of the present invention is to provide a zeolite coating preparation assembly (1) and operation method; by which time saving is achieved owing to heating by induction, material saving is achieved since large heating resistances and complicated reactors are not used; and which is thus more economical; and wherein thicker and more stable coatings with high diffusion coefficients are prepared by using a more practical reaction system in a shorter period of time in comparison to the known methods, and wherein mass production is enabled.





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<b>A. CLASSIFICATION OF SUBJECT MATTER</b> INV. C23C18/12 C23C18/14 ADD.		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) C23C		
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) EPO-Internal, WPI Data		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <span style="margin-left: 200px;"><input checked="" type="checkbox"/> See patent family annex.</span>		
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"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Gault, Nathalie	

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