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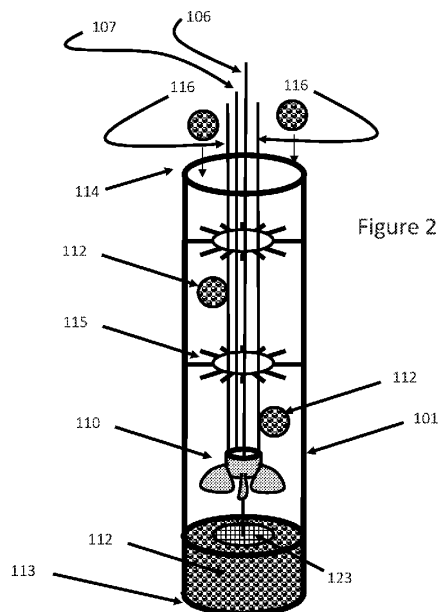
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POUR L'ETUDE ET L'EXPLOITATION DES PRO-**

(54) Title: METHOD FOR INSTALLING A THERMOCOUPLE INSIDE A REACTOR TUBE FILLED WITH CATALYST



(57) Abstract: A method of installing a temperature measuring device inside a reactor tube while filling the tube with catalyst is provided. The method includes inserting a positioning system, including multiple inflatable bladders connected at a central location to a centering ring, into reactor tube, the reactor tube comprising a distal end and a proximal end. Then inserting a temperature measurement device into the centering ring. Locating the positioning system at a first predetermined distance from the distal end. Then inflating the multiple inflatable bladders, thereby centering the centering ring and the temperature measurement device within the SMR tube, and introducing catalyst into the SMR tube, thereby enclosing the temperature measurement device in catalyst.

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