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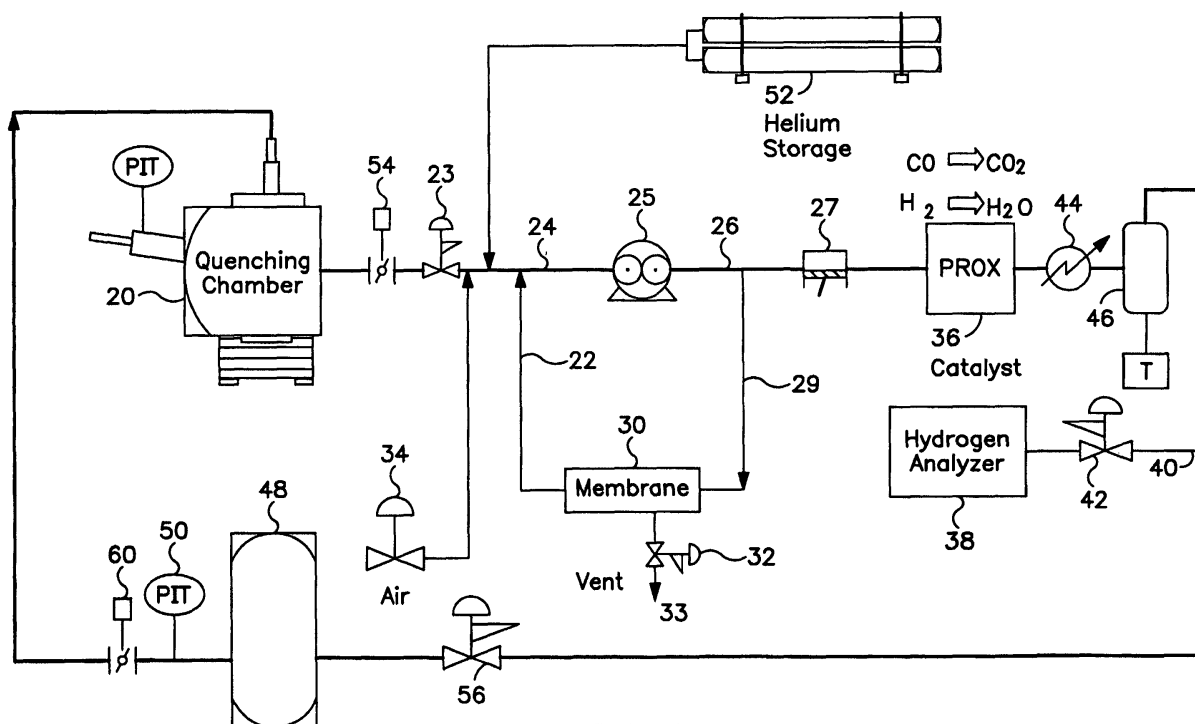
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(54) **Process and apparatus for high pressure gas quenching in an atmospheric furnace**

(57) Apparatus and process for recycling a quenching gas, such as helium, to be used with a treating gas, such as a carburizing gas, for the treating of components in an atmospheric furnace.



**FIG. 3**



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| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                         |                                                     |                                              |
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| Place of search<br>MUNICH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         | Date of completion of the search<br>7 November 2003 | Examiner<br>Swiatek, R                       |
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