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(54) **Refrigerator**

(57) A refrigerator is provided. The refrigerator includes a storage space (2), capable of maintaining a low-pressure state; a vacuum pump (3); an air evacuation path (4), connected between the storage space (2) and the vacuum pump (3); a bypass (5), connected to the air evacuation path (4), where when the vacuum pump (3) is in work, the bypass (5) is closed, while when the vacuum pump (3) finishes work, the bypass (5) is opened to transport external air to the air evacuation path (4); and an electromagnetic valve (7), for opening or closing the bypass (5). According to the suggestion, after the vacuum pump (3) finishes work, the electromagnetic valve (7) is powered on and opens the bypass (5); and after a preset time, the electromagnetic valve (7) is powered off, so that the bypass (5) is closed and remains closed until next time the vacuum pump (3) finishes work.

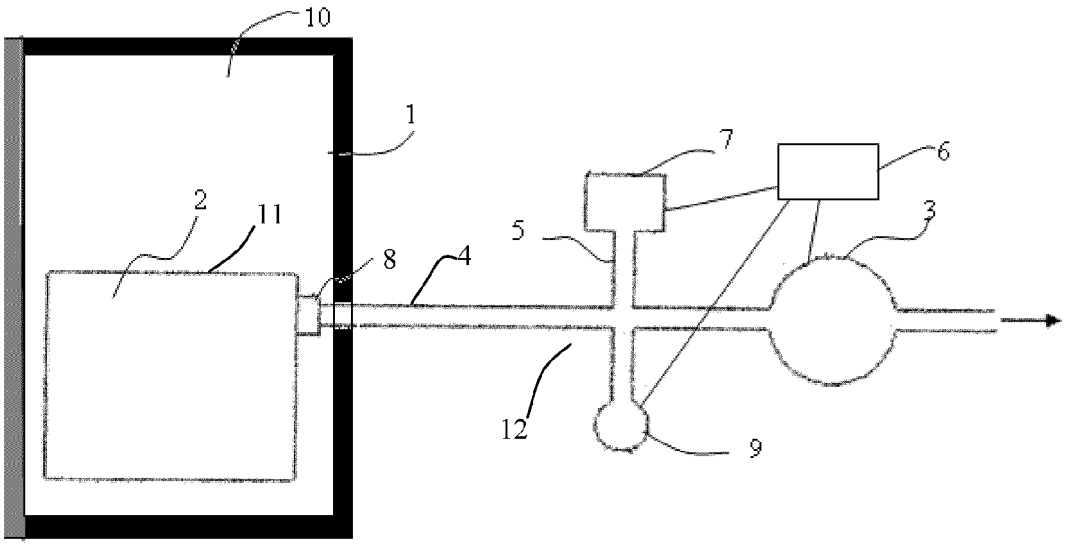


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 12 18 1277

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F25D

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
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CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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