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(54) **Refrigerator**

(57) Disclosed is a refrigerator. The refrigerator includes a storage space (2) capable of keeping a low-pressure state; a vacuum pump (3), including a pump body (31) for defining a pump cavity (30), an air inlet (321, 322) communicating with the pump cavity (30), an air outlet (331, 332) communicating with the pump cavity (30), a piston (36) accommodated in the pump cavity (30), and a driving device for driving the piston (36) to move in the

pump cavity (30); and an air exhaust path (4), connected to the storage space (2) and the air inlet (321, 322). As suggested, the driving device includes a coil (381, 382), wherein the coil is capable of generating an electromagnetic force for driving the piston to move in the pump cavity, so as to suck air in the storage space into the pump cavity via the air inlet and discharge air out of the pump cavity via the air outlet.

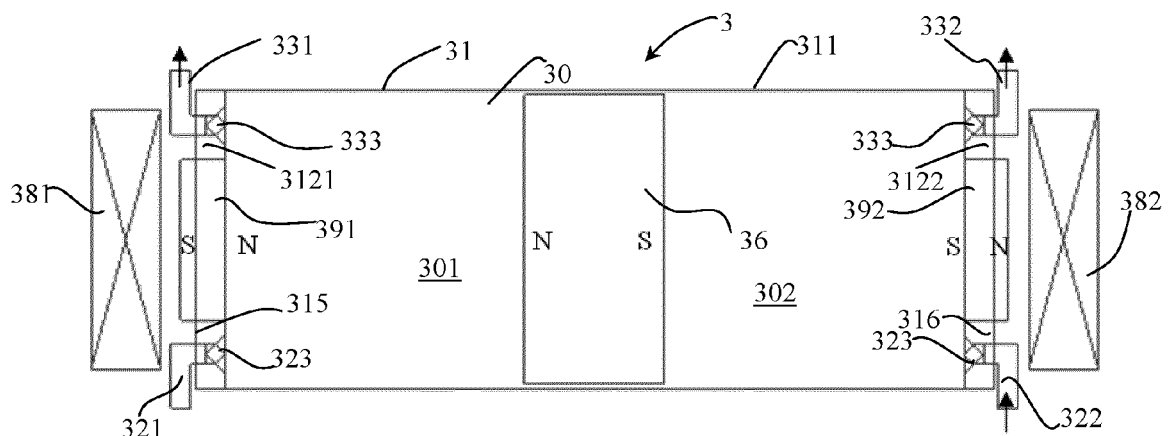


FIG. 2



EUROPEAN SEARCH REPORT

Application Number
EP 13 19 4636

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			F25D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 9 January 2017	Examiner Kolev, Ivelin
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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