

Title (en)  
DOOR STOPPER FOR REFRIGERATOR DOOR BODY

Title (de)  
TÜRSTOPPER FÜR KÜHLSCHRANKTÜRKÖRPER

Title (fr)  
ARRÊT DE PORTE POUR CORPS DE PORTE DE RÉFRIGÉRATEUR

Publication  
**EP 2868851 B1 20180711 (EN)**

Application  
**EP 13884951 A 20130904**

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Abstract (en)  
[origin: EP2868851A1] The present invention relates to a suction assisting device for a refrigerator door, comprising: a door end cover, a cover plate, and a hinge, the hinge being separately coupled to a cabinet and a door of a refrigerator, and the door end cover being securely coupled to the door; wherein the suction assisting device further comprises: a rotating shaft and an elastic piece, the rotating shaft being coupled to the hinge, the elastic piece being coupled to the door end cover via a secure coupling structure, the elastic piece being provided with a first stopper structure, and the rotating shaft being provided with a protrusion structure. When the hinge shaft rotates, the protrusion structure on the rotating shaft falls within the first stopper structure such that the rotating shaft is locked with the elastic piece, thereby achieving locking of the door. In this way, the objective of tightly closing the refrigerator door is achieved, and the structure is simple, and high practicability is reached.

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Cited by  
CN105155955A; CN106050036A; CN107504750A; WO2022057686A1; EP3726169B1

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