

Title (en)  
Plug member and low-temperature storage

Title (de)  
Steckerelement und Niedrigtemperaturspeicherung

Title (fr)  
Élément de prise et stockage à basse température

Publication  
**EP 2447635 A2 20120502 (EN)**

Application  
**EP 11186986 A 20111027**

Priority  
JP 2010242447 A 20101028

Abstract (en)  
A plug member, which is to be used for a low-temperature storage including: a heat-insulating door to close an opening face of a heat-insulating housing; a cooling device; and a through-hole passing through a heat-insulating wall in the housing and having an internal thread on an inner periphery thereof, and which closes an opening portion of the through-hole on an outer side of the storage, includes: an external thread to be threadedly engaged with the internal thread; and a flange member to abut onto a face having the opening portion and close the portion, by threaded engagement between the external and internal threads, the external thread having a cut, which opens a part of the opening portion, formed in a portion of an outer periphery thereof, in a state where the flange member does not abut on the face, while the external thread is threadedly engaged with the internal thread.

IPC 8 full level  
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**F25D 17/047** (2013.01 - EP US); **F25D 23/00** (2013.01 - KR); **F25D 23/06** (2013.01 - KR); **F25D 23/025** (2013.01 - EP US)

Citation (applicant)  
JP 2010025471 A 20100204 - SANYO ELECTRIC CO

Cited by  
CN103697649A

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