

Title (en)  
TRANSPORT CONTAINER

Title (de)  
TRANSPORTBEHÄLTER

Title (fr)  
CONTENEUR

Publication  
**EP 3452751 A1 20190313 (DE)**

Application  
**EP 17723262 A 20170428**

Priority  
• EP 16000999 A 20160504  
• EP 2017025100 W 20170428

Abstract (en)  
[origin: WO2017190846A1] The invention relates to a transport container (1) for helium (He), comprising an inner container (6) for receiving helium (He), a thermal shield (23) which can be actively cooled using a cryogenic liquid (N2) and in which the inner container (6) is accommodated, an external container (2) in which the thermal shield (23) and the inner container (6) are accommodated, and a support ring (29) provided on the thermal shield (23). The inner container (6) is suspended with the aid of a first suspension rod (30 - 33) on the support ring (29), the support ring (29) is suspended with the aid of two suspension rods (34 - 37) on the external container (2). At least one of the first suspension rods (30 - 33) comprises a first spring device (38) and at least one of the second suspension rods (34 - 37) comprises a second spring device (43) in order to ensure a spring tension of the first suspension rod (30 - 33) and the second suspension rod (34 - 37) at different thermal expansions of the inner container (6) and the thermal shield (23).

IPC 8 full level  
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**F17C 1/12** (2013.01 - US); **F17C 3/08** (2013.01 - EP); **F17C 3/10** (2013.01 - EP US); **F17C 13/001** (2013.01 - US);  
**F17C 2201/0109** (2013.01 - EP US); **F17C 2201/0166** (2013.01 - EP US); **F17C 2201/035** (2013.01 - EP US); **F17C 2201/054** (2013.01 - EP US);  
**F17C 2203/015** (2013.01 - EP US); **F17C 2203/016** (2013.01 - US); **F17C 2203/0308** (2013.01 - US); **F17C 2203/0312** (2013.01 - EP US);  
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**F17C 2223/033** (2013.01 - EP US); **F17C 2227/0381** (2013.01 - EP US); **F17C 2260/033** (2013.01 - EP US); **F17C 2270/01** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017190846A1

Cited by  
FR3112584A1; WO2022012867A1

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