

Title (en)  
SECONDARY BARRIER SYSTEM

Title (de)  
SEKUNDÄRBARRIERENSYSYSTEM

Title (fr)  
SYSTÈME DE BARRIÈRE SECONDAIRE

Publication  
**EP 3523191 A1 20190814 (EN)**

Application  
**EP 17778302 A 20171004**

Priority  
• GB 201616852 A 20161004  
• EP 2017075248 W 20171004

Abstract (en)  
[origin: WO2018065484A1] A secondary barrier system for a hull or a hold of a ship or a vessel, the secondary barrier system comprising: a membrane (1); and a membrane support layer (101) attachable to the hull or hold for supporting the membrane (1) relative to the hull or hold, the membrane comprising: a plurality of panels (2, 3, 4, 12, 14, 16, 17, 18) covering at least a portion of the membrane support layer (101) and sealed to one another such that liquids may not pass through the membrane (1), characterised in that: the plurality of panels (2, 3, 4, 5, 6, 11, 12, 13, 14, 16, 17, 18) comprises at least one corrugated panel (2, 3, 6, 12, 14, 18) comprising at least one corrugation (41) therein; the membrane (1) is directly attached to the membrane support layer (101) by at least one attachment (60); and the at least one attachment (60) and the at least one corrugation (41) are arranged such that, as the membrane (1) undergoes thermal expansion and contraction, the membrane (1) slides relative to the membrane support layer (101) so as to relieve the stress in the membrane (1) induced by the thermal expansion and contraction of the membrane (1).

IPC 8 full level  
**B63B 25/16** (2006.01)

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Citation (search report)  
See references of WO 2018065484A1

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