

Title (en)  
ENVIRONMENTAL CABLE SEAL STRUCTURE

Title (de)  
UMGEBUNGSABDICHTUNG

Title (fr)  
JOINT D'ETANCHEITE

Publication  
**EP 3218975 A1 20170920 (EN)**

Application  
**EP 15794179 A 20151112**

Priority  
• US 201462078560 P 20141112  
• EP 2015076472 W 20151112

Abstract (en)  
[origin: WO2016075258A1] A cable seal structure (10) for sealing a cable (12) within a duct (14) includes a pouch (16) configured to receive a pressurizing fluid for inflating the pouch (16) around the cable (12). The pouch (16) includes a valve structure (34) with a valve opening (32). The pouch (16) is configured such that when the pouch (16) is wrapped around the cable (12) ready for inflation, at least a portion (54) of the pouch (16) does not circumferentially extend all the way around the cable (12). At least a portion of the valve structure (34) overlaps with the portion (54) of the pouch (16) that does not extend circumferentially all the way around the cable (12).

IPC 8 full level  
**H02G 15/013** (2006.01); **F16L 5/02** (2006.01)

CPC (source: EP)  
**F16L 5/02** (2013.01); **H02G 15/013** (2013.01)

Citation (search report)  
See references of WO 2016075258A1

Citation (examination)  
"RDSS Rayflate Duct Sealing System for power cables RDSS Rayflate Duct Sealing System for power cables", 31 May 2002 (2002-05-31), XP055257177, Retrieved from the Internet <URL:http://www.cablejoints.co.uk/upload/Duct\_Seals\_\_\_\_Raychem\_Duct\_Sealing.pdf> [retrieved on 20160310]

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Designated extension state (EPC)  
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