

Title (en)  
COOLING SYSTEM AND METHOD FOR COOLING THE LANDFALL OF A SUBSEA POWER CABLE

Title (de)  
KÜHLSYSTEM UND VERFAHREN ZUR KÜHLUNG DER LANDUNG EINES UNTERWASSERSTROMKABELS

Title (fr)  
SYSTÈME DE REFROIDISSEMENT ET PROCÉDÉ DE REFROIDISSEMENT DE L'ATERRAGE D'UN CÂBLE D'ALIMENTATION SOUS-MARIN

Publication  
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Application  
**EP 19726194 A 20190418**

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Abstract (en)  
[origin: WO2019203650A1] The invention relates to a cooling system and a method for cooling the landfall of a continuous subsea power cable, wherein the cooling system comprises a first sleeve for receiving an intermediate section of the continuous power cable, wherein the first sleeve defines a first volume that extends around the intermediate section, wherein the cooling system is provided with a second sleeve that defines a second volume separate from the first volume, wherein the cooling system is provided with a first end sealing member at a first end, wherein the first end sealing member comprises a first sealing part and a second sealing part for sealing the first volume and the second volume, respectively, at the first end, wherein the cooling system further comprises a connector that connects the first volume and the second volume in fluid communication at or near the first end, wherein the second sleeve is arranged to surround the first sleeve about the longitudinal axis, wherein the connector is formed by an aperture in the first sleeve at or near the first end where the second sleeve surrounds the first sleeve, wherein the aperture connects the first volume and the second volume in fluid communication. This ensures that the subsea cable with its double mantel cooling systems does not have any protruding cooling fluid connections so that it can be drawn without any problems through the landfall drill hole.

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