

Title (en)

HYDROCARBON TRANSFER SYSTEM WITH A PIVOTAL BOOM

Title (de)

System zur Kohlenwasserstoffübertragung mit einem schwenkbaren Ausleger

Title (fr)

SYSTÈME DE TRANSFERT DU GAZ NATUREL À BRAS PIVOTANT

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Application

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Abstract (en)

[origin: WO2009071563A2] The invention relates to a hydrocarbon transfer system comprising an offshore structure, a support member extending upward from deck level of the structure, a hydrocarbon transfer duct comprising a transfer duct section extending from a free end of the support member, which free end is located outboard of the structure, to a hydrocarbon storage and/or processing unit on the structure and a connecting duct section in fluid communication with the transfer duct section and connected with a first end to the free end of the support member, a second end of the connecting duct section having a connector and being attachable to a hydrocarbon vessel, characterised in that, the support member comprises a displacement device, connected to the first end of the connecting duct section, which displacement device is movable between a connect and a disconnect position while the support member remains substantially stationary, a vertical distance from deck level of the displacement device being larger for the disconnect position than for the connect position, a horizontal distance from the side of the structure being larger for the connect position than for the disconnect position, wherein in the disconnect position, the connecting duct section in its vertical orientation is situated with its connector at a predetermined distance above sea level.

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