

Title (en)
METHOD FOR OFFSHORE FLOATING PETROLEUM PRODUCTION, STORAGE AND OFFLOADING WITH A BUOYANT STRUCTURE

Title (de)
VERFAHREN FÜR SCHWIMMENDE OFFSHORE-ERDÖLPRODUKTION, -LAGERUNG UND -ABLADUNG MIT EINER SCHWIMMFÄHIGEN STRUKTUR

Title (fr)
PROCÉDÉ DE PRODUCTION, DE STOCKAGE ET DE DÉCHARGEMENT FLOTTANTS DE PÉTROLE EN MER AVEC UNE STRUCTURE FLOTTANTE

Publication
EP 3713830 A1 20200930 (EN)

Application
EP 18880581 A 20181119

Priority
• US 201715821180 A 20171122
• US 2018061772 W 20181119

Abstract (en)
[origin: WO2019103963A1] A method for offshore floating petroleum production, storage and offloading comprising receiving hydrocarbons from at least one of an FPSO, production risers, or wellhead on the seabed by a floating hull; processing received hydrocarbons forming hydrocarbon product in the floating hull; storing the hydrocarbon product in the floating hull; and offloading the stored hydrocarbon product. The floating hull contains a hull plan view that is circular and wherein the floating hull has a bottom surface, a top deck surface, at least three connected sections, joined in series and symmetrically configured about a vertical axis with the connected sections extending downwardly from the top deck surface toward the bottom surface. The at least three connected sections contain an upper cylindrical portion, a lower conical section, a cylindrical neck section, and a set of fins secured to the hull configured to provide hydrodynamic performance through linear and quadratic damping.

IPC 8 full level
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