

Title (en)
METHOD AND APPARATUS FOR INCREASING FLOATING PLATFORM BUOYANCY

Title (de)
VERFAHREN UND GERÄT ZUM VERGRÖßERN DES AUFTRIEBS EINER SCHWIMMENDENPLATTFORM

Title (fr)
PROCEDE ET APPAREIL PERMETTANT D'AUGMENTER LA FLOTTABILITE D'UNE PLATEFORME FLOTTANTE

Publication
EP 1259421 B1 20060503 (EN)

Application
EP 01914513 A 20010222

Priority
• US 0106160 W 20010222
• US 18402200 P 20000222

Abstract (en)
[origin: WO0162583A2] A floating platform for recovery of oil and gas from offshore oil and gas fields includes a hull having a portion located substantially below the water surface, and including a portion thereof which extends above the water surface. The platform is anchored to the seabed by one or more tendons secured to the base of the hull and the seabed. The payload capacity of the floating platform is increased without redesigning the structural design of the hull by attaching a column extension or mounting a detachable buoyancy module to the lower end of the hull for accomodating changing platform payload requirements.
[origin: WO0162583A2] The hull (12) of a floating platform has at least one deck (14) for supporting drilling and/or production equipment above the surface of a body of water (16). A base node of the hull includes pontoons (18) extending radially outwardly of the hull. The platform being secured to a sea bed by anchoring tendons (20) to the pontoons (18). A column extension (22), in the form of a closed cylinder, provides a buoyancy module (32) to the lower end of the hull (12). A mounting post (24) may be pre-installed about the periphery of the hull (12) in order to attach the buoyancy module (32) to the hull (12). Riser hangers (33), for attaching at least one riser or flow line (34) to the column extension/buoyancy module (22)/(32).

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