

Title (en)
METHOD AND APPARATUS FOR FACILITATING HANG OFF OF MULTIPLE TOP TENSION RISER OR UMBILICALS FROM A COMPENSATED TENSIONING DECK

Title (de)
VERFAHREN UND VORRICHTUNG ZUM AUSHÄNGEN VON MEHRERER OBERSPANNUNGSSTEIGLEITUNGEN ODER VERSORGUNGSKABELN AUS EINEM KOMPENSIERTEN SPANNUNGSDECK

Title (fr)
PROCÉDÉ ET APPAREIL POUR FACILITER LA SUSPENSION DE MULTIPLES COLONNES MONTANTES OU CÂBLES OMBILICAUX DE TENSION SUPÉRIEURS MULTIPLES À PARTIR D'UN PONT DE TENSION COMPENSÉ

Publication
EP 2673455 A2 20131218 (EN)

Application
EP 12705200 A 20120202

Priority
• US 201113022061 A 20110207
• US 2012023678 W 20120202

Abstract (en)
[origin: US2012201611A1] The disclosure provides a deck tensioning system, supporting multiple risers, that is coupled to an offshore platform and compensated for heave and horizontal movement. Such a tensioning system provides simplified access to the production trees on the risers. The tensioning system provides tensioning for a tensioning deck to which the multiple risers are coupled, while reducing the tensioning cylinders for individual risers. The deck tensioning system further provides a simplified tension flex connector ("TFC") with an intermediate movable member for each riser. The TFC assists in absorbing and/or adjusting for forces that may cause the tensioning deck to pitch and roll from the interactions between the multiple risers coupled to the tensioning deck as a unitary structure. If a fire or other event causes damage to the tension flex connector, the tension flex connector is designed to maintain a supporting connection with the riser without the intermediate movable member.

IPC 8 full level
E21B 19/00 (2006.01)

CPC (source: EP US)
E21B 19/006 (2013.01 - EP US)

Citation (search report)
See references of WO 2012109092A2

Citation (examination)
US 6648074 B2 20031118 - FINN LYLE D [US], et al

Designated contracting state (EPC)
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US 2012201611 A1 20120809; AU 2012214691 A1 20130919; BR 112013019577 A2 20180717; EP 2673455 A2 20131218; WO 2012109092 A2 20120816; WO 2012109092 A3 20130725

DOCDB simple family (application)
US 201113022061 A 20110207; AU 2012214691 A 20120202; BR 112013019577 A 20120202; EP 12705200 A 20120202; US 2012023678 W 20120202