

Title (en)  
CONNECTOR ASSEMBLY FOR RISER WITH HEAVE COMPENSATION

Title (de)  
VERBINDERANORDNUNG FÜR EIN STEIGROHR MIT SEEGANGSAUSGLEICH

Title (fr)  
ENSEMBLE CONNECTEUR POUR UNE COLONNE MONTANTE AVEC COMPENSATION DE HEURE

Publication  
**EP 2176506 A2 20100421 (EN)**

Application  
**EP 08788333 A 20080815**

Priority  
• GB 2008002764 W 20080815  
• GB 0716130 A 20070817  
• US 93552807 P 20070817

Abstract (en)  
[origin: GB2451958A] A connector assembly for use on a vessel to eliminate relative vertical movement (heave) between the vessel and a riser (20, fig 4) attached to a sub-sea well, includes a first connector part 4 to be secured to the riser (20, fig 4) and a second connector part 3 to be secured to the vessel. The second connector part 3 is connectable to the first connector part 4 without relative axial movement and disconnectable from the first connector part 4 to allow relative axial movement between the first 4 and second 3 connector parts. There is also an alignment mechanism 30 which, when the first 4 and second 3 connector parts are disconnected, maintains the connector parts 4, 3 in axial alignment and spaced apart in a non-sealed manner by a gap the size of which varies with relative axial movement of the first 4 and second 3 connector parts.

IPC 8 full level  
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CPC (source: EP GB)  
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