

Title (en)  
POWER CONNECTION TO AND/OR CONTROL OF WELLHEAD TREES

Title (de)  
STROMANSCHLUSS UND/ODER STEUERUNG VON BOHRLOCHKOPF-ERUPTIONSKREUZEN

Title (fr)  
RACCORD D'ALIMENTATION A DES ARBRES DE TETE DE Puits ET/OU COMMANDE D'ARBRES DE TETE DE Puits

Publication  
**EP 1373682 B1 20051207 (EN)**

Application  
**EP 02704924 A 20020306**

Priority  
• GB 0201030 W 20020306  
• GB 0105856 A 20010309

Abstract (en)  
[origin: WO02072999A1] A hydrocarbon extraction system (1) comprises a host facility (2), a wellhead tree (3) and a retrievable electrical power connection/control module (4). The module has a load (12) and is connected to the host facility and the tree via first and second wet mateable connectors (6, 8) respectively. The module also has switchgears (14, 15) controlled by the load for isolating the load from the host facility or the tree. The host facility is arranged to provide power to the module, and to the tree via the module when the switchgears (14, 15) are closed, and the load (12) of the module is arranged to control the via one (15) of the closed switchgears.

IPC 1-7  
**E21B 43/017**; **E21B 33/035**; **E21B 33/038**; **H01R 13/523**

IPC 8 full level  
**E21B 33/035** (2006.01); **E21B 33/038** (2006.01); **E21B 43/017** (2006.01); **H01R 13/523** (2006.01)

CPC (source: EP US)  
**E21B 33/0355** (2013.01 - EP US); **E21B 33/0385** (2013.01 - EP US); **E21B 43/017** (2013.01 - EP US); **H01R 13/523** (2013.01 - EP US)

Cited by  
AU2014398772B2; US9742163B2; WO2015197140A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 02072999 A1 20020919**; AT E312269 T1 20051215; BR 0208181 A 20040302; DE 60207839 D1 20060112; EP 1373682 A1 20040102; EP 1373682 B1 20051207; GB 0105856 D0 20010425; NO 20033955 D0 20030908; NO 20033955 L 20031107; US 2004149446 A1 20040805

DOCDB simple family (application)  
**GB 0201030 W 20020306**; AT 02704924 T 20020306; BR 0208181 A 20020306; DE 60207839 T 20020306; EP 02704924 A 20020306; GB 0105856 A 20010309; NO 20033955 A 20030908; US 47132904 A 20040312