

Title (en)
CONTROLLING AND MONITORING DEVICE FOR A WELL HEAD SUBMERGED IN A LIQUID

Publication
EP 0207818 B1 19881109 (FR)

Application
EP 86401009 A 19860512

Priority
FR 8507411 A 19850515

Abstract (en)
[origin: US4757314A] The invention relates to an apparatus for the control and monitoring of a well head submerged in a liquid. The apparatus comprises electrovalve control means, an electronic system for controlling and monitoring the well head, monitoring sensors, connecting means connected to the electronic system and a station on the surface of the liquid medium using a transmission line. The electronic system comprises a first channel connected to the control means and to the sensors, supplied with electric power by the line and a second channel for controlling the control means and which is supplied with electric power by said line. The second channel and the electrovalve control means are also connected to an autonomous power supply, which is independent of the line. Each of the channels and the connection established bidirectional communications with the station. Application to the control and monitoring of submerged well heads.

IPC 1-7
E21B 33/035

IPC 8 full level
E21B 33/035 (2006.01)

CPC (source: EP US)
E21B 33/0355 (2013.01 - EP US)

Cited by
USRE45482E

Designated contracting state (EPC)
GB NL

DOCDB simple family (publication)
FR 2582048 A1 19861121; FR 2582048 B1 19880916; BR 8602170 A 19870113; EP 0207818 A1 19870107; EP 0207818 B1 19881109; NO 172661 B 19930510; NO 172661 C 19930818; NO 861895 L 19861117; OA 08327 A 19880229; US 4757314 A 19880712

DOCDB simple family (application)
FR 8507411 A 19850515; BR 8602170 A 19860514; EP 86401009 A 19860512; NO 861895 A 19860513; OA 58860 A 19860515; US 86351486 A 19860515