

Title (en)
SAFETY VALVE MANIFOLD SYSTEM

Publication
EP 0038034 A3 19811104 (EN)

Application
EP 81102711 A 19810409

Priority
US 13950280 A 19800411

Abstract (en)
[origin: EP0038034A2] A hydraulic safety valve manifold system for providing positive opening and closing of a surface-controlled, sub-surface safety valve in a subsea well, including a shut-off valve which prevents leakage of well fluids to the outside environment if a leak should occur in the safety valve or in hydraulic lines which are connected to the hydraulic actuator of the safety valve. A hydraulic control line is connected to the safety valve actuator through a normally closed shut-off valve, and this line is also connected to the actuator of the shut-off valve to hold both the shut-off valve and the safety valve open when the line is pressurized. The hydraulic line is also connected to an actuator of a variable volume accumulator to empty the accumulator when the line is pressurized. When pressure in the hydraulic line is relieved the shut-off valve closes and the accumulator accepts fluid from the hydraulic actuator of the safety valve to insure that the safety valve closes.

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E21B 34/16; F15B 1/02

IPC 8 full level
E21B 34/16 (2006.01)

CPC (source: EP)
E21B 34/16 (2013.01)

Citation (search report)

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