ELECTRICALLY OPERATED ACTUATION TOOL FOR SUBSEA COMPLETION SYSTEM COMPONENTS

ABSTRACT

An electrically operated actuation tool for a subsea completion system component having at least one hydraulically actuatable mechanism comprises an electric motor, a hydraulic pump which is driven by the motor and at least one hydraulic line which communicates between the hydraulic pump and a corresponding hydraulic conduit that is fluidly connected to the mechanism. In this manner, when the motor is operated the hydraulic pump generates hydraulic pressure which actuates the mechanism.

Figure 7