

ABSTRACT

SKID ARCHITECTURE FOR A POWER AUGMENTATION SYSTEM

A fluid delivery skid with a pre-fill system for supplying fluid has one or more stages including a first valve and a second valve, each having an open and closed position. The stages have active and inactive states to provide a desired flow rate of fluid to an apparatus for distribution of the fluid. In an active state, fluid is received in the stage and pressurized with the first valve open and the second valve closed. Further, in an active state, fluid is released with the first valve closed and the second open. In an inactive state, at least the second valve is closed. A control unit is connected to a pump unit and controls operation of the pump to regulate the stages to supply pressure at a level determined to achieve the desired flow rate.

FIG. 1