

Abstract

DISSIMILAR MATERIAL BONDING OF DRIVE SHAFT
WITH FLOW CONTROL COMPONENT OF VALVE

A valve, in certain embodiments, includes a drive shaft configured to couple to a fluid control component and having an interlace material at the joint between the drive shaft and the fluid control component. A valve, in other embodiments, includes a fluid control component configured to receive a drive shaft and having an interlace material at the joint between the fluid control component and the drive shaft. A valve, in further embodiments, includes a drive shaft having a mechanical locking system and a fluid control component coupled to the drive shaft at a joint, wherein the spline aids in coupling the fluid control component to the drive shaft.

Figure 1