

ABSTRACT

WELLHEAD CONNECTOR SOFT LANDING SYSTEM AND METHOD

Systems and method for providing a soft landing of a wellhead connector onto a subsea wellhead are provided. One such system includes a wellhead connector configured to be coupled to a subsea wellhead, and a soft landing system disposed on a body of the wellhead connector. The soft landing system includes one or more cylinder assemblies coupled to the body of the wellhead connector, and one or more valve assemblies coupled to the body of the wellhead connector. Each cylinder assembly includes a barrel, a rod disposed within the barrel and extending in one direction from the barrel, and a pad attached to an extended end of the rod. The one or more valve assemblies are each fluidly coupled to the one or more cylinder assemblies.

FIGURE 1