

ENHANCED RAM-STYLE RISER TENSIONER

ABSTRACT

In accordance with embodiments of the present disclosure, a ram-style riser tensioner
5 system includes a plurality of cylinders for applying a desired tension to a riser, a support
structure coupled to the riser, and a plurality of gas accumulators. Each of the cylinders is
coupled to the support structure, and each of the gas accumulators is configured to provide
pressurized gas to a corresponding one of the cylinders. The ram-style riser tensioner also
includes a plurality of support rods coupled to the support structure for reducing bending
10 moments on the plurality of cylinders.

FIG. 1