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(54) Title: WEDGED PROTRUSION PROFILE FITTING SEAL SYSTEMS AND METHODS

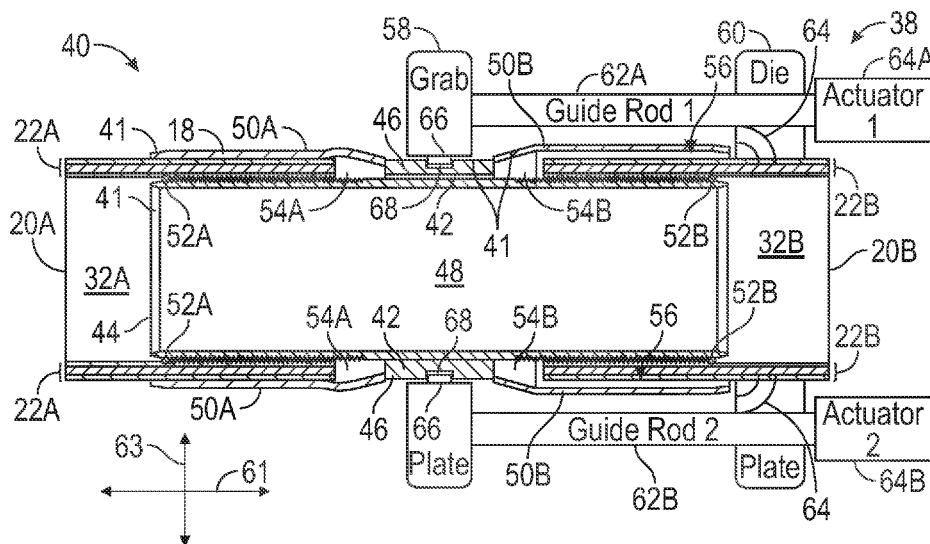


FIG. 4

(57) Abstract: Techniques for implementing a pipeline system including a pipe fitting, which includes a fitting shell that define a fitting bore and a tubing cavity around the fitting bore. The tubing cavity interfaces with pipe segment tubing to facilitate fluidly coupling the fitting bore to a pipe bore. The fitting shell includes a seal groove that is recessed into a fitting shell surface that facilitates defining the tubing cavity. The pipe fitting includes a belt seal having a multi sided axial cross-section profile, in which the belt seal is to be disposed in the seal groove to implement a fitting seal in the pipe fitting that includes a protruding portion having a wedged axial cross-section profile that protrudes beyond the fitting shell surface into the tubing cavity to facilitate sealing a fluid conduit implemented in an annulus of the pipe segment tubing in the tubing cavity of the pipe fitting.

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

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