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(54) FEEDTHROUGH

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(57)**ABSTRACT**

A feedthrough (10) for an element (100) is described, comprising: a body (500), a cap assembly, comprising a cap (200) and optionally a follower (300), and a sealant (400), having respective passageways therethrough, defining an axis A, for receiving the element (100) therethrough; wherein the body (500) is couplable to a wall W of a hermetically-sealed vessel V having an aperture A for the element (100) therethrough and wherein the passageway of the body (500) is adapted to retain, at least in part, the sealant 400 and optionally the follower (300) therein; wherein the cap (200) is releasably couplable to the body (500); wherein the feedthrough (10) is configurable in: a first configuration, wherein the cap (200) is coupled to the body (500), wherein matching faces of the cap assembly and the body (500) are mutually spaced apart by a gap and wherein the element (100) extends through the respective passageways; and a second configuration, wherein the cap (200) is coupled to the body (500), wherein the matching faces (230, 520) of the cap assembly and the body (500) abut and wherein the element (100) extends through the respective passageways; wherein the cap assembly is adapted to axially compress the sealant (400) against the body (500), thereby causing the sealant (400) to radially compress against the element (100) and to form a hermetic seal between the body (500) and the element (100), in the second configuration.

