

Title (en)
MULTI-LAYER VALVE CONSTRUCTION HAVING FLUID SEALING LAYER

Title (de)
MEHRSCICHTEN-VENTIL MIT FLÜSSIGER DICHTUNGSSCHICHT

Title (fr)
SOUPAPE MULTICOUCHE ETANCHE CONTENANT UN FLUIDE

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Application
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Abstract (en)
[origin: WO2013009955A1] The present invention relates to a multi-layer control device (210) and method of making that may be attached to a receptacle (200) that provides a hermetic and/or water, fluid resistant seal but allows for the expulsion of air pressure from the interior of a receptacle. The multi-layer control device, more specifically a valve, has a fluid layer such as a low viscosity fluid that is applied during the manufacturing of the valve and incorporated into the layer of the valve. The valve includes a base layer that is provided over a first adhesive layer, a second adhesive layer is provided over the base layer, a fluid layer, a third adhesive layer and a cover layer. The second adhesive and fluid layers are discontinuous and are applied to the perimeter of the base layer, respectively. The base layer, first adhesive layer, and material layer have at least one aperture to facilitate the release of gas or fluid from the interior of a receptacle.

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