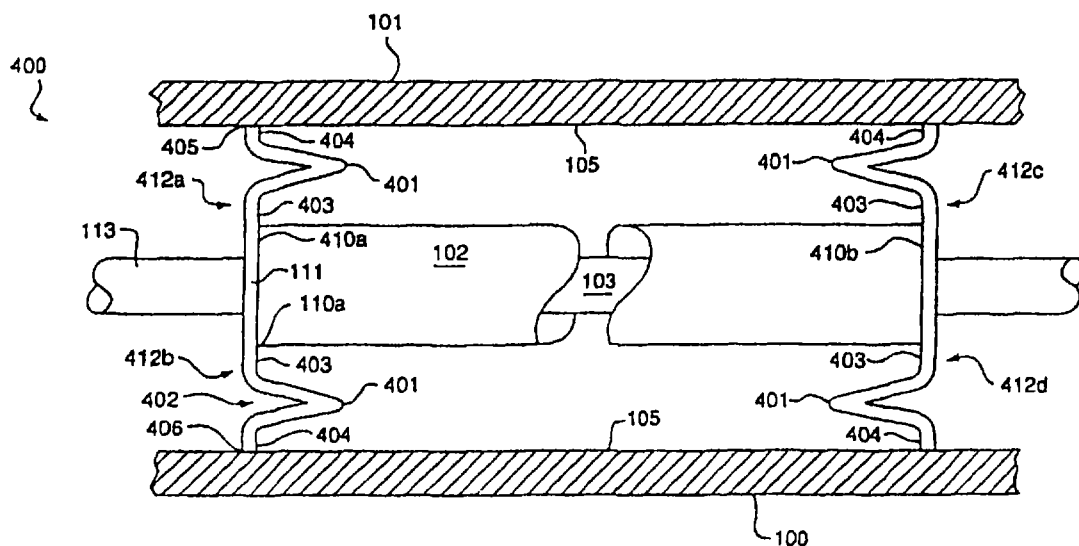


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(54) Title: A LOW THERMAL STRESS CASE CONNECT LINK FOR A STRAIGHT TUBE CORIOLIS FLOWMETER

**(57) Abstract**

Case connect links of a straight tube Coriolis flowmeter couple a balance bar/flow tube junction to the flowmeter case. Each case connect link has at least one out of plane bend in its surface to allow the case connect link to expand/contract in response to temperature differentials between the internal elements of the flowmeter. The expansion/contraction permitted by the out of plane bend prevents structural damage to the case connect link as well as to the flowmeter elements to which it is connected.

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