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(54) Title: A VIBRATING METER INCLUDING A DAMPED METER COMPONENT

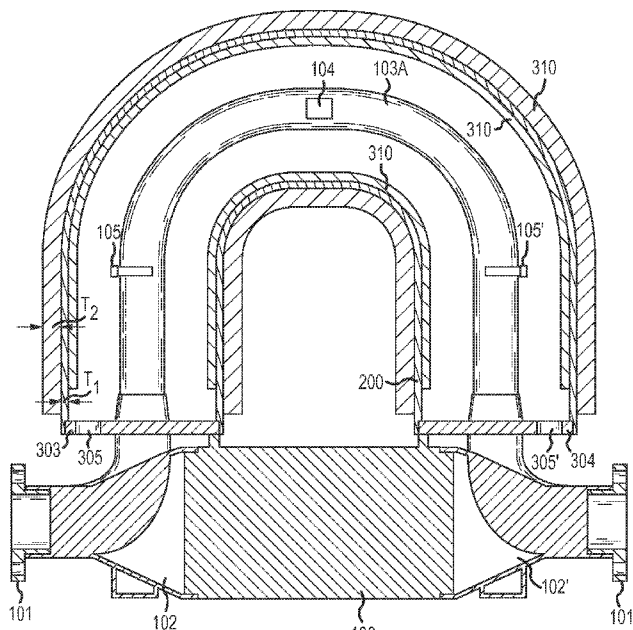


FIG. 3

(57) Abstract: A vibrating meter (5) is provided. The vibrating meter (5) includes one or more conduits (103A, 103B) including a vibrating portion (471) and a non-vibrating portion (472) and a driver (104) coupled to a conduit of the one or more conduits (103A, 103B) and configured to vibrate the vibrating portion (471) of the conduit at one or more drive frequencies. The vibrating meter (5) also includes one or more pick-offs (105, 105') coupled to a conduit of the one or more conduits (103A, 103B) and configured to detect a motion of the conduit. One or more meter components exclusive of the vibrating portion (471) of the conduits (103A, 103B), the driver (104), and the pick-offs (105, 105') is provided with a damping material (310) applied to at least a portion of a surface of a meter component of the one or more meter components that reduces one or more vibrational resonant frequencies of the meter component below the one or more drive frequencies.