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- (54) **Title:** CORIOLIS FLOWMETER EXTERNAL MAGNETIC FIELD QUANTIFICATION APPARATUS AND METHOD

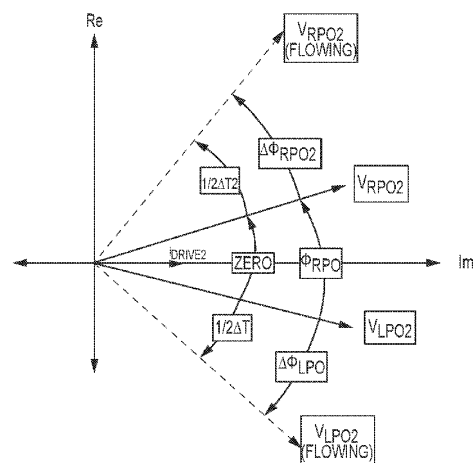


FIG.9

(57) **Abstract:** A Coriolis flowmeter (5) is provided, the Coriolis flowmeter (5) comprising flow conduits (103A, 103B), having a driver (104), and pick-off sensors (105, 105') connected thereto. A meter electronics (20) is configured to drive the driver (104) to oscillate the flow conduits (103A, 103B) in a first bending mode, and to receive signals from the pick-off sensors (105, 105'). The meter electronics (20) is configured to indicate a presence of an external magnetic field.

WO 2023/086099 A1