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(54) Title: ULTRASONIC METER

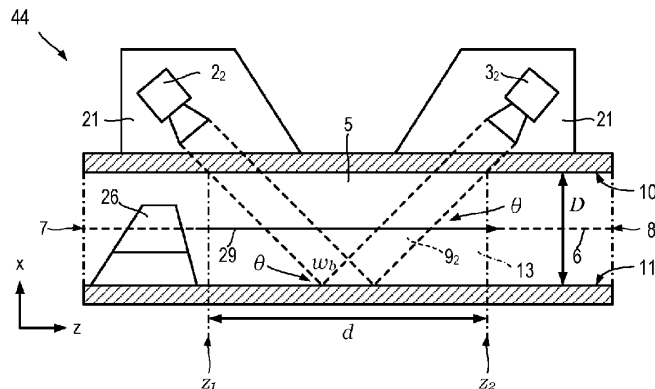


Fig. 11

(57) Abstract: An ultrasonic meter (44) is described for measuring a flow-rate of a fluid, including a flow conduit (5) for the fluid. The flow conduit (5) extends along a first axis (6) 5 between a first opening (7) and a second opening (8). The ultrasonic meter (44) also includes two or more pairs of ultrasonic transducers (2, 3). Each pair of ultrasonic transducers (2, 3) is configured to define a corresponding beam path (9) intersecting the flow conduit (5) within a measurement region (13) of the flow conduit (5). Substantially every part of each beam path (9) makes a non-zero angle with the first 10 axis (6). When viewed projected onto a plane perpendicular to the first axis (6), a projection of a first beam path (91) intersects (25) a projection of a second beam path (92). The ultrasonic meter (44) also includes a flow deflecting member (26) supported between the first opening (7) and the measurement region (13). When viewed projected onto the plane perpendicular to the first axis (6), a projection of the flow 15 deflecting member (26) at least partially overlaps the intersection (25) of the projections of the first and second beam paths (91, 92).

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