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(71) Applicant (for all designated States except US): VTI
TECHNOLOGIES OY; P.O. Box 27, FI-01621 Vantaa
(FI).

(72) Inventor; and

(75) Inventor/Applicant (for US only): BLOMQVIST, Anssi
[FI/FI]; Viestitie 41 B, F-01280 Vantaa (FI).

(74) Agent: BORENIUS & CO OY AB; Tallberginkatu 2 A,
FI-00180 Helsinki (FI).

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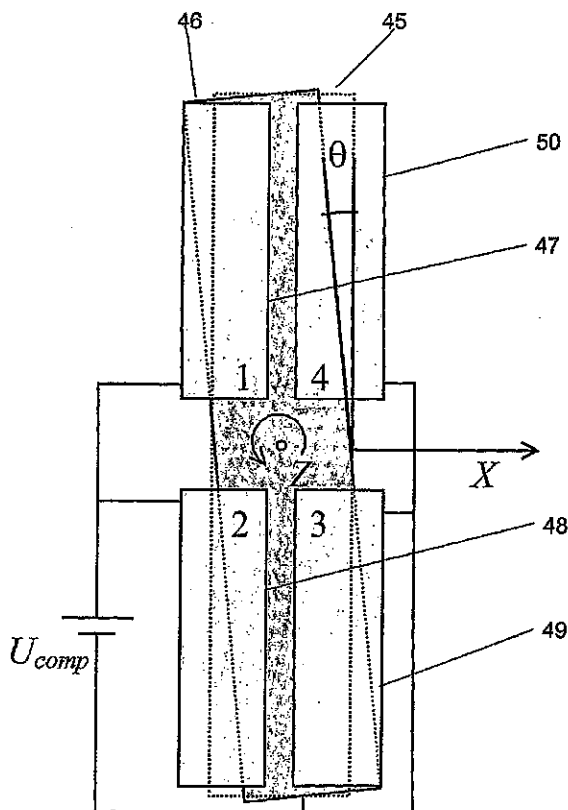
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(54) Title: OSCILLATING MICRO-MECHANICAL SENSOR OF ANGULAR VELOCITY



(57) Abstract: The present invention relates to
measuring devices used in measuring angular velocity
and, more specifically, to oscillating micro-mechanical
sensors of angular velocity. In the sensors of angular
velocity according to the present invention, at least
one pair of electrodes is provided in association with
an edge of a seismic mass (1), (9), (10), (20), (30),
(31), which pair of electrodes together with the surface
of the mass (1), (9), (10), (20), (30), (31) form two
capacitances such, that one of the capacitances of the
pair of electrodes will increase and the other capacitance
of the pair of electrodes will decrease as a function of
the angle of rotation in the primary motion of the mass
(1), (9), (10), (20), (30), (31). The structure of a sensor
of angular velocity according to the present invention
enables reliable and efficient measuring particularly
in solutions for compact oscillating micro-mechanical
sensors of angular velocity.



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