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(54) **MEMS device quadrature phase shift cancellation**

MEMS-Vorrichtung mit Quadraturphasenverschiebungsauslöschung

Annulation du déphasage de quadrature de dispositif MEMS

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(56) References cited:
US-A- 5 600 064 US-A1- 2005 274 181
US-B2- 7 054 778

- **GUO-MING XIA ET AL: "Phase correction in digital self-oscillation drive circuit for improve silicon MEMS gyroscope bias stability", SOLID-STATE AND INTEGRATED CIRCUIT TECHNOLOGY (ICSICT), 2010 10TH IEEE INTERNATIONAL CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 1 November 2010 (2010-11-01), pages 1416-1418, XP031835229, ISBN: 978-1-4244-5797-7**

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