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(56) References cited:  
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• **MOON ET AL: "A new fast inchworm type actuator with the robust I/Q heterodyne interferometer feedback" MECHATRONICS, PERGAMON PRESS, OXFORD, GB, vol. 16, no. 2, 1 March 2006 (2006-03-01), pages 105-110, XP005277389 ISSN: 0957-4158**

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