



(12) **United States Patent**  
**Lemke et al.**

(10) **Patent No.:** **US 7,591,235 B2**  
(45) **Date of Patent:** **Sep. 22, 2009**

(54) **OPPOSED PISTON ENGINE WITH PISTON COMPLIANCE**

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **12/075,374**

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(22) Filed: **Mar. 11, 2008**

CH 20385 10/1899

(65) **Prior Publication Data**

US 2008/0163848 A1 Jul. 10, 2008

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**Related U.S. Application Data**

**OTHER PUBLICATIONS**

(63) Continuation of application No. 11/378,959, filed on Mar. 17, 2006, now Pat. No. 7,360,511, which is a continuation-in-part of application No. PCT/US2005/020553, filed on Jun. 10, 2005, and a continuation-in-part of application No. 10/865,707, filed on Jun. 10, 2004, now Pat. No. 7,156,056.

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(51) **Int. Cl.**  
**F01P 3/06** (2006.01)  
**F01P 3/00** (2006.01)

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(52) **U.S. Cl.** ..... **123/41.35**; 123/193.6  
(58) **Field of Classification Search** ..... 123/41.34, 123/41.35, 51 BA, 51 BB, 67, 65 R, 197.4, 123/193.6, 193.4; 92/179, 187  
See application file for complete search history.

(57) **ABSTRACT**

An engine having a cylinder with a bore opposed pistons disposed for reciprocation in the bore includes compliant members that allow for angular adjustment of piston structure with respect to the cylinder in response to an imbalance in forces coupled to the pistons by connecting rods.

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**19 Claims, 20 Drawing Sheets**

