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**Lemke et al.**

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(54) **ROLLING THRUST BEARING CONSTRUCTIONS**

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(52) **U.S. Cl.**  
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See application file for complete search history.

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(57) **ABSTRACT**

A piston rolling thrust bearing construction is constituted of a pair of bearing plates with opposing faces disposed in a spaced alignment with a rolling ball assembly positioned between the opposing faces to support relative movement between the bearing plates. The piston rolling thrust bearing is mounted to the open end of the skirt of a piston disposed in a cylinder to compensate for non-axial motion relative to the cylinder axis due to the articulating motions of connecting elements or any structural misalignments within an engine drive train assembly.

**20 Claims, 13 Drawing Sheets**

