



US009037360B2

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

(10) **Patent No.:** **US 9,037,360 B2**
(45) **Date of Patent:** **May 19, 2015**

(54) **LOAD CONTROL FOR A MACHINE WITH A DUAL PATH ELECTRONICALLY CONTROLLED HYDROSTATIC TRANSMISSION**

F16H 61/46 (2010.01)
E02F 3/84 (2006.01)
(52) **U.S. Cl.**
CPC *F16H 39/14* (2013.01); *B60K 41/004* (2013.01); *E02F 9/2246* (2013.01); *E02F 9/2292* (2013.01); *F16H 61/431* (2013.01); *F16H 61/46* (2013.01); *E02F 3/841* (2013.01)

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(58) **Field of Classification Search**
USPC 701/50–51; 180/305, 307, 337–339; 477/34; 60/431
See application file for complete search history.

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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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(22) Filed: **Oct. 29, 2013**

(65) **Prior Publication Data**
US 2014/0180550 A1 Jun. 26, 2014

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Related U.S. Application Data

(60) Provisional application No. 61/740,772, filed on Dec. 21, 2012, provisional application No. 61/740,750, filed on Dec. 21, 2012, provisional application No. 61/740,788, filed on Dec. 21, 2012, provisional application No. 61/740,811, filed on Dec. 21, 2012.

(57) **ABSTRACT**

A method of managing engine load by adjusting the pump and motor displacements of a dual path electronically controlled hydrostatic transmission utilizes the difference between the reference and actual engine speeds, the temperature of the working fluid for the dual path electronically controlled hydrostatic transmission, the engine governor droop value, the vehicle speed and lookup tables to determine pump and motor command adjustment factors associated with specific engine loading conditions.

(51) **Int. Cl.**
F16H 61/40 (2010.01)
F16H 39/14 (2006.01)
B60W 10/00 (2006.01)
E02F 9/22 (2006.01)
F16H 61/431 (2010.01)

20 Claims, 3 Drawing Sheets

