

Title (en)
SYSTEM AND METHOD FOR CONTROLLING ENGINE OPERATIONS

Title (de)
SYSTEM UND VERFAHREN ZUR STEUERUNG VON MOTOROPERATIONEN

Title (fr)
SYSTÈME ET PROCÉDÉ DE COMMANDE D'OPÉRATIONS DE MOTEUR

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EP 4347345 A1 20240410 (EN)

Application
EP 22816644 A 20220519

Priority
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• US 2022029946 W 20220519

Abstract (en)
[origin: WO2022256178A1] System (200) and method (600) for controlling operations of an engine (114) is provided. The method (600) includes operating (602), by electronic controller (202), engine (114) in one of first operating mode or second operating mode. First operating mode is an isochronous operating mode facilitating adjusting engine speed to match target engine speed corresponding to change in engine load from no-load to full load. Second operating mode is droop operating mode facilitating predefined decrease in engine speed corresponding to change in engine load from no-load to full load. Electronic controller (202) receives (604), via engine mode switch (214), operator input indicating change in operating mode of engine (114) and determines (606) current operating mode of engine (114). Electronic controller (202) controls engine (114) to change operating mode based on received operator input and determined current operating mode of engine (114) and controls engine speed in accordance with changed operating mode corresponding to change in engine load.

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