

Title (en)
DIESEL ENGINE ARRANGEMENT AND METHOD FOR VARNISH BUILD-UP CONTROL

Title (de)
DIESELMOTORANORDNUNG UND VERFAHREN ZUR STEUERUNG EINES LACKAUFBAUS DAFÜR

Title (fr)
ARRANGEMENT DE MOTEUR DIESEL ET PROCÉDÉ PERMETTANT DE RÉGULER LE DÉPÔT DE VERNIS

Publication
EP 2780567 A4 20151007 (EN)

Application
EP 11875613 A 20111116

Priority
US 2011060887 W 20111116

Abstract (en)
[origin: WO2013074094A1] A method is provided for controlling varnish build-up in a variable geometry turbine (VGT) of a diesel engine turbocharger. According to the method, it is determined whether an operation parameter is at a level established for initiating a varnish build-up control sequence. Upon determining that the operation parameter is at the established level, the varnish build-up control sequence is initiated. The sequence comprises increasing exhaust temperature upstream of the VGT to a first exhaust temperature, and changing an opening size of a VGT nozzle between a smaller and a larger opening size in association with increasing the exhaust temperature to the first exhaust temperature. A diesel engine arrangement is also provided.

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Citation (search report)

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