

Title (en)  
METHOD TO MINIMIZE TURBO SLUDGE WITH ALKALI METAL SALTS

Title (de)  
METHODE ZUR MINIMIERUNG VON TURBOSCHLAMM MIT ALKALIMETALLSALZEN

Title (fr)  
MÉTHODE POUR MINIMISER LA FORMATION DE BOUES DANS DES TURBOCOMPRESSEURS AVEC DES SELS MÉTALLIQUES ALCALINS

Publication  
**EP 2294165 B1 20130710 (EN)**

Application  
**EP 09747215 A 20090507**

Priority  
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• US 5274708 P 20080513

Abstract (en)  
[origin: WO2009140130A1] Turbo sludge formation is Improved in a turbo-charged, sump-lubricated internal combustion engine which is susceptible to contamination of lubricant with liquid fuel by providing said engine with a lubricant which contains an amount of an oil-soluble alkali metal salt effective to reduce the deterioration of said lubricant and said fuel contaminant.

IPC 8 full level  
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**C10M 159/24** (2013.01 - EP US); **C10M 163/00** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/028** (2013.01 - EP US); **C10M 2215/06** (2013.01 - EP US); **C10M 2215/08** (2013.01 - EP US); **C10M 2215/086** (2013.01 - EP US); **C10M 2219/022** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/041** (2020.05 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/52** (2020.05 - EP US); **C10N 2040/255** (2020.05 - EP US)

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