

Title (en)  
Lubricating method

Title (de)  
Schmiermethode

Title (fr)  
Procédé de lubrification

Publication  
**EP 2467456 A1 20120627 (EN)**

Application  
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Priority  
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Abstract (en)  
[origin: WO2011022245A1] The invention provides a method of lubricating an aluminium-alloy surface of an internal combustion engine comprising supplying to the aluminium-alloy surface a lubricating composition comprising an oil of lubricating viscosity and an alkali or alkaline earth metal phenate detergent. The phenate disclosed herein may further provide antiwear performance on the aluminium-alloy surface.

IPC 8 full level  
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EP  
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2. **C10M 2207/028 + C10N 2010/02**  
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5. **C10M 2223/045 + C10N 2010/04**  
6. **C10M 2219/089 + C10N 2010/04**  
7. **C10M 2219/088 + C10N 2010/04**  
US  
1. **C10M 2207/027 + C10N 2010/04**  
2. **C10M 2207/027 + C10N 2010/02**  
3. **C10M 2207/028 + C10N 2010/02**  
4. **C10M 2207/028 + C10N 2010/04**  
5. **C10M 2223/045 + C10N 2010/04**  
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See references of WO 2011022245A1

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