

Title (en)  
LUBRICATING OIL COMPOSITION FOR AN INTERNAL COMBUSTION ENGINE

Title (de)  
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Title (fr)  
COMPOSITION D'HUILE POUR UN MOTEUR À COMBUSTION INTERNE

Publication  
**EP 3127993 A1 20170208 (EN)**

Application  
**EP 15774018 A 20150331**

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Abstract (en)  
The lubricating oil composition for an internal combustion engine of the invention contains (A) a lubricant base oil composed of a mineral oil and/or a synthetic oil, (B) a boron-containing alkenylsuccinimide and/or a boron-containing alkylsuccinimide in an amount of 0.001 to 0.1% by mass as a boron-equivalent amount based on the total amount of the composition, and (C) a poly(meth)acrylate in an amount of 0.1 to 30% by mass based on the total amount of the composition, and the poly(meth)acrylate has Mw of 100,000 to 700,000 and Mw/X of 30,000 or more, in which the weight-average molecular weight thereof is represented by Mw and the mean carbon number of the alkyl groups therein, as measured through <sup>13</sup>C-NMR, is represented by X.

IPC 8 full level  
**C10M 169/04** (2006.01); **C10M 101/02** (2006.01); **C10M 137/10** (2006.01); **C10M 139/00** (2006.01); **C10M 145/14** (2006.01); **C10M 159/20** (2006.01); **C10N 10/02** (2006.01); **C10N 10/04** (2006.01); **C10N 20/00** (2006.01); **C10N 20/02** (2006.01); **C10N 20/04** (2006.01); **C10N 30/00** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP KR US)  
**C10M 133/44** (2013.01 - US); **C10M 141/06** (2013.01 - US); **C10M 145/14** (2013.01 - US); **C10M 161/00** (2013.01 - EP KR US); **C10M 169/04** (2013.01 - KR); **C10M 169/045** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP KR US); **C10M 2203/1025** (2013.01 - EP KR US); **C10M 2205/0285** (2013.01 - EP KR US); **C10M 2207/026** (2013.01 - EP KR US); **C10M 2207/028** (2013.01 - EP KR US); **C10M 2207/262** (2013.01 - EP KR US); **C10M 2207/28** (2013.01 - US); **C10M 2209/084** (2013.01 - EP KR US); **C10M 2211/04** (2013.01 - US); **C10M 2215/064** (2013.01 - EP KR US); **C10M 2215/28** (2013.01 - EP KR US); **C10M 2219/046** (2013.01 - EP US); **C10M 2219/068** (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 2010/12** (2013.01 - EP US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/08** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/52** (2020.05 - EP US); **C10N 2030/68** (2020.05 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2060/14** (2013.01 - EP US)

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Designated extension state (EPC)  
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