

Title (en)  
HYDROXYCHROMAN DERIVATIVES AS ANTIOXIDANTS

Title (de)  
HYDROXYCHROMANDERIVATE ALS ANTIOXIDANTIEN

Title (fr)  
DÉRIVÉS D'HYDROXYCHROMAN COMME ANTIOXYDANTS

Publication  
**EP 3070153 B1 20181205 (EN)**

Application  
**EP 16164519 A 20110830**

Priority  
• US 38041210 P 20100907  
• EP 11755481 A 20110830  
• US 2011049622 W 20110830

Abstract (en)  
[origin: WO2012033668A1] A lubricant and concentrate composition comprises a hydroxychroman derived antioxidant and a method for improving the performance of a lubricant composition, especially a lubricant composition for an internal combustion engine, comprising the use of a lubricant containing said antioxidant.

IPC 8 full level  
**C10M 129/20** (2006.01); **C10L 1/18** (2006.01); **C10L 1/185** (2006.01); **C10L 1/19** (2006.01); **C10L 1/223** (2006.01); **C10L 1/224** (2006.01); **C10L 1/24** (2006.01); **C10L 10/00** (2006.01); **C10M 141/06** (2006.01); **C10M 141/10** (2006.01); **C10N 10/04** (2006.01); **C10N 30/10** (2006.01); **C10N 40/02** (2006.01); **C10N 40/04** (2006.01); **C10N 40/08** (2006.01); **C10N 40/20** (2006.01); **C10N 40/25** (2006.01); **C10N 40/26** (2006.01); **C10N 50/10** (2006.01)

CPC (source: EP US)  
**C10L 1/1855** (2013.01 - EP US); **C10L 1/19** (2013.01 - EP US); **C10L 1/2235** (2013.01 - EP US); **C10L 1/224** (2013.01 - EP US); **C10L 1/2412** (2013.01 - EP US); **C10L 1/2425** (2013.01 - EP US); **C10L 10/00** (2013.01 - EP US); **C10M 129/20** (2013.01 - EP US); **C10M 141/06** (2013.01 - EP US); **C10M 141/10** (2013.01 - EP US); **C10L 2230/081** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2207/044** (2013.01 - EP US); **C10M 2215/02** (2013.01 - EP US); **C10M 2215/06** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/40** (2020.05 - EP US); **C10N 2030/42** (2020.05 - EP US); **C10N 2030/43** (2020.05 - EP US); **C10N 2030/45** (2020.05 - EP US); **C10N 2040/02** (2013.01 - EP US); **C10N 2040/042** (2020.05 - EP US); **C10N 2040/08** (2013.01 - EP US); **C10N 2040/13** (2013.01 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2040/253** (2020.05 - EP US); **C10N 2040/255** (2020.05 - EP US); **C10N 2040/26** (2013.01 - EP US); **C10N 2050/10** (2013.01 - EP US)

C-Set (source: EP US)  
**C10M 2223/045 + C10N 2010/04**

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DOCDB simple family (publication)  
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