

Title (en)  
MIXED ANTIOXIDANT COMPOSITION

Title (de)  
GEMISCHTE ANTIOXYDATIONSMITTELZUSAMMENSETZUNG

Title (fr)  
COMPOSITION ANTIOXYDANTE MELANGEE

Publication  
**EP 0719313 A1 19960703 (EN)**

Application  
**EP 94928344 A 19940913**

Priority  
• EP 9403064 W 19940913  
• US 12071293 A 19930913

Abstract (en)  
[origin: WO9507963A1] The combination of a molybdenum compound and an aromatic amine has been found to produce a synergistic antioxidant effect when used as an antioxidant additive for lubricating oils. The combination has been found to be particularly effective under catalytic oxidation conditions, e.g. Fe catalysed oxidation of crankcase lubricating oils.

IPC 1-7  
**C10M 141/08**

IPC 8 full level  
**C10M 141/08** (2006.01); **C10M 141/12** (2006.01); **C10N 10/12** (2006.01); **C10N 30/10** (2006.01); **C10N 40/25** (2006.01); **F02B 1/04** (2006.01)

CPC (source: EP)  
**C10M 133/12** (2013.01); **C10M 135/18** (2013.01); **C10M 141/08** (2013.01); **C10M 2215/06** (2013.01); **C10M 2215/064** (2013.01); **C10M 2215/065** (2013.01); **C10M 2215/066** (2013.01); **C10M 2215/067** (2013.01); **C10M 2215/068** (2013.01); **C10M 2219/066** (2013.01); **C10M 2219/068** (2013.01); **C10M 2227/09** (2013.01); **C10N 2010/12** (2013.01); **C10N 2040/02** (2013.01); **C10N 2040/08** (2013.01); **C10N 2040/25** (2013.01); **C10N 2040/251** (2020.05); **C10N 2040/255** (2020.05); **C10N 2040/28** (2013.01); **C10N 2070/02** (2020.05); **F02B 1/04** (2013.01)

Citation (search report)  
See references of WO 9507963A1

Cited by  
US6103674A; US9222054B2

Designated contracting state (EPC)  
BE DE ES FR GB IT NL

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**WO 9507963 A1 19950323**; AU 680553 B2 19970731; AU 7781894 A 19950403; CA 2171537 A1 19950323; DE 69404849 D1 19970911; DE 69404849 T2 19980129; EP 0719313 A1 19960703; EP 0719313 B1 19970806; ES 2105758 T3 19971016; JP H09506118 A 19970617

DOCDB simple family (application)  
**EP 9403064 W 19940913**; AU 7781894 A 19940913; CA 2171537 A 19940913; DE 69404849 T 19940913; EP 94928344 A 19940913; ES 94928344 T 19940913; JP 50898895 A 19940913