

Title (en)
LUBRICATING OIL COMPOSITION

Title (de)
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE

Publication
EP 1428866 B1 20120523 (EN)

Application
EP 02798810 A 20020906

Priority
• JP 0209123 W 20020906
• JP 2001282319 A 20010917

Abstract (en)
[origin: EP1428866A1] Lubricating oil compositions particularly suitable for automatic transmissions comprising a lubricating base oil, (A) a boron-containing ashless dispersant in an amount of 0.004 to 0.05 percent by mass in terms of boron, based on the total mass of the composition, (B) an alkaline earth metal-based detergent with a base number of 0 to 500 mgKOH/g in an amount of 0.01 percent by mass or more in terms of an alkaline earth metal, based on the total mass of the composition, and (C) a sulfur-based additive in an amount of 0.01 to 0.3 percent by mass in terms of sulfur, based on the total mass of the composition and having excellent anti-wear properties and improved fatigue life by inhibiting pitching.

IPC 8 full level
C10M 129/10 (2006.01); **C10M 129/54** (2006.01); **C10M 135/00** (2006.01); **C10M 135/06** (2006.01); **C10M 135/10** (2006.01); **C10M 135/18** (2006.01); **C10M 135/20** (2006.01); **C10M 135/32** (2006.01); **C10M 135/36** (2006.01); **C10M 139/00** (2006.01); **C10M 155/04** (2006.01); **C10M 159/20** (2006.01); **C10M 159/22** (2006.01); **C10M 159/24** (2006.01); **C10M 163/00** (2006.01); **C10M 167/00** (2006.01); **C10M 169/04** (2006.01); **C10N 10/04** (2006.01); **C10N 10/12** (2006.01); **C10N 20/00** (2006.01); **C10N 30/00** (2006.01); **C10N 30/06** (2006.01); **C10N 40/00** (2006.01); **C10N 40/04** (2006.01); **C10N 40/12** (2006.01); **C10N 40/25** (2006.01); **C10N 40/30** (2006.01)

CPC (source: EP US)
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Cited by
EP2913384A1; EP1624043A3; US2021071309A1; US11987892B2; EP1422287B1

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DE FR GB

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