

Title (en)

Boron containing lubricating oil compositions with low sulfur and phosphorus content

Title (de)

Borenthaltende Schmierölszusammensetzung mit niedrigem Schwefel- und Phosphor-Gehalt

Title (fr)

Composition d'huile lubrifiante contenant du bore et une faible concentration de soufre et de phosphore

Publication

EP 1310549 B1 20060531 (EN)

Application

EP 02257525 A 20021030

Priority

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- EP 01309510 A 20011109
- EP 02250224 A 20020114

Abstract (en)

[origin: EP1310549A1] A crankcase lubricating oil composition comprises an oil of lubricating viscosity, in a major amount, and, in respective minor amounts, a boron-containing additive and one or more co-additives, wherein the lubricating oil composition has greater than 200 ppm by mass of boron, less than 600 ppm by mass of phosphorus and less than 4000 ppm by mass of sulfur, based on the mass of the oil composition. Such compositions demonstrate provide improved wear performance.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1724329A1; EP1661969A1; EP1661970A1; EP1418220A3; EP3153569A1; US7906469B2; US8470751B2; US8513169B2; US9303229B2; US11142719B2; US8709988B2; US9193931B2; US9523061B2

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