

Title (en)
LUBRICANT FOR METAL MACHINING WITH FERROMAGNETIC OR FERRIMAGNETIC NANOPARTICLES

Title (de)
SCHMIERMITTEL ZUR METALLBEARBEITUNG MIT FERROMAGNETISCHEN ODER FERRIMAGNETISCHEN NANOPARTIKELN

Title (fr)
LUBRIFIANT POUR L'USINAGE DE METAUX, CONTENANT DES NANOPARTICULES FERROMAGNETIQUES OU FERRIMAGNETIQUES

Publication
EP 1232235 A1 20020821 (DE)

Application
EP 00972675 A 20001004

Priority
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• EP 0009686 W 20001004

Abstract (en)
[origin: DE19949032A1] An oil-based lubricant for metal machining which comprises 0.1 to 5 wt % ferromagnetic or ferrimagnetic particles based on the ready-to-use product, with a volume weighted average crystallite size ranging from 2 to 80 nm.

IPC 1-7
C10M 125/10; **C10M 173/00**

IPC 8 full level
B23Q 11/10 (2006.01); **C10M 125/04** (2006.01); **C10M 173/00** (2006.01); **C10M 173/02** (2006.01); **H01F 1/44** (2006.01)

CPC (source: EP)
B23Q 11/1061 (2013.01); **C10M 125/04** (2013.01); **C10M 173/00** (2013.01); **C10M 173/02** (2013.01); **H01F 1/44** (2013.01); **H01F 1/445** (2013.01); **C10M 2201/00** (2013.01); **C10M 2201/02** (2013.01); **C10M 2201/05** (2013.01); **C10M 2201/061** (2013.01); **C10M 2201/062** (2013.01); **C10M 2201/087** (2013.01); **C10M 2201/14** (2013.01); **C10M 2201/16** (2013.01); **C10M 2201/18** (2013.01); **C10M 2207/021** (2013.01); **C10M 2207/022** (2013.01); **C10M 2207/046** (2013.01); **C10M 2207/121** (2013.01); **C10M 2207/122** (2013.01); **C10M 2207/123** (2013.01); **C10M 2207/125** (2013.01); **C10M 2207/129** (2013.01); **C10M 2207/18** (2013.01); **C10M 2207/22** (2013.01); **C10M 2207/40** (2013.01); **C10M 2207/404** (2013.01); **C10M 2209/104** (2013.01); **C10M 2215/042** (2013.01); **C10M 2215/08** (2013.01); **C10M 2215/082** (2013.01); **C10M 2215/22** (2013.01); **C10M 2215/221** (2013.01); **C10M 2215/225** (2013.01); **C10M 2215/226** (2013.01); **C10M 2215/28** (2013.01); **C10M 2215/30** (2013.01); **C10N 2050/01** (2020.05); **C10N 2070/02** (2020.05)

Citation (search report)
See references of WO 0127226A1

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