

Title (en)

METHODS OF WORKING METAL AND COMPOSITIONS USEFUL AS WORKING FLUIDS THEREFOR

Title (de)

VERFAHREN ZUR BEARBEITUNG VON METALL UND METALLBEARBEITUNGSFLÜSSIGKEITEN DAFÜR

Title (fr)

PROCEDES D'USINAGE DE METAL ET COMPOSITIONS AFFERENTES UTILES EN TANT QUE FLUIDES D'USINAGE

Publication

EP 1028828 A2 20000823 (EN)

Application

EP 98915449 A 19980409

Priority

- US 9807173 W 19980409
- US 96932397 A 19971113

Abstract (en)

[origin: WO9925516A2] Briefly, in one aspect, the present invention provides a method of working metals and ceramics comprising applying to the metal or ceramic workpiece, either prior to, during, or after working, an aqueous emulsion comprising a fluorocarbon fluid. In another aspect the invention provides aqueous emulsions comprising fluorocarbon fluids useful as cooling and lubricating fluids in the working of metals and ceramic materials.

IPC 1-7

B23Q 1/00

IPC 8 full level

C10M 105/52 (2006.01); **C10M 131/02** (2006.01); **C10M 131/04** (2006.01); **C10M 131/10** (2006.01); **C10M 173/02** (2006.01); **C10N 40/00** (2006.01); **C10N 40/22** (2006.01)

CPC (source: EP)

C10M 131/10 (2013.01); **C10M 173/02** (2013.01); **C10M 2201/02** (2013.01); **C10M 2211/042** (2013.01); **C10M 2211/06** (2013.01); **C10N 2040/22** (2013.01); **C10N 2050/01** (2020.05)

Citation (search report)

See references of WO 9925516A2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9925516 A2 19990527; **WO 9925516 A3 19990902**; AU 6962998 A 19990607; CA 2309170 A1 19990527; EP 1028828 A2 20000823; JP 2001523735 A 20011127

DOCDB simple family (application)

US 9807173 W 19980409; AU 6962998 A 19980409; CA 2309170 A 19980409; EP 98915449 A 19980409; JP 2000520937 A 19980409