

Title (en)

FUNCTIONAL FLUIDS WITH SERVO VALVE EROSION RESISTANCE

Title (de)

FUNKTIONELLE FLÜSSIGKEITEN MIT SERVOVENTIL-EROSIONSBESTÄNDIGKEIT

Title (fr)

FLUIDES FONCTIONNELS FAVORISANT LA RESISTANCE A L'EROSION DES SERVOVALVES

Publication

EP 1397471 A4 20090722 (EN)

Application

EP 02721804 A 20020412

Priority

- US 0212838 W 20020412
- US 28510501 P 20010420
- US 12204902 A 20020412

Abstract (en)

[origin: WO02086035A1] Phosphate ester based functional fluids containing novel anti-erosion additives provides enhanced results in erosion control.

IPC 8 full level

C10M 169/04 (2006.01); **C10M 135/20** (2006.01); **C10M 141/08** (2006.01); **C10N 40/08** (2006.01)

CPC (source: EP US)

C10M 169/04 (2013.01 - EP US); **C10M 169/044** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/042** (2013.01 - EP US); **C10M 2207/281** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2211/06** (2013.01 - EP US); **C10M 2215/02** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/065** (2013.01 - EP US); **C10M 2219/044** (2013.01 - EP US); **C10M 2223/0405** (2013.01 - EP US); **C10M 2223/0415** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2040/08** (2013.01 - EP US); **C10N 2040/13** (2013.01 - EP US)

Citation (search report)

- [X] WO 9617517 A1 19960613 - CHEVRON USA INC [US], et al
- [X] WO 0027955 A1 20000518 - EXXONMOBIL RES & ENG CO [US], et al
- See references of WO 02086035A1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

WO 02086035 A1 20021031; CA 2443961 A1 20021031; CA 2443961 C 20110705; EP 1397471 A1 20040317; EP 1397471 A4 20090722; US 2003040443 A1 20030227

DOCDB simple family (application)

US 0212838 W 20020412; CA 2443961 A 20020412; EP 02721804 A 20020412; US 12204902 A 20020412