

Title (en)
USE OF FERROCENE

Title (de)
VERWENDUNG VON FERROCEN

Title (fr)
UTILISATION DE FERROCENE

Publication
EP 0689577 B1 19970226 (DE)

Application
EP 94911173 A 19940315

Priority
• DE 4309066 A 19930320
• EP 9400803 W 19940315

Abstract (en)
[origin: CA2156747A1] Described is the use of ferrocene and/or ferrocene derivatives as an additive to heavygrade fuels for high-compression, auto-ignition internal combustion engines. This measure reduces functional impairment resulting from sedimentation in downstream units.

IPC 1-7
C10L 1/30; **C10L 10/00**

IPC 8 full level
C10L 1/30 (2006.01); **C10L 10/00** (2006.01); **F02B 77/04** (2006.01); **F02M 25/00** (2006.01)

CPC (source: EP)
C10L 1/301 (2013.01); **C10L 1/305** (2013.01); **C10L 10/04** (2013.01); **F02B 77/04** (2013.01); **F02M 25/00** (2013.01)

Cited by
EP1752512A1

Designated contracting state (EPC)
BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)
DE 4309066 A1 19940922; **DE 4309066 C2 19950720**; AU 6377294 A 19941011; AU 677388 B2 19970424; BR 9405903 A 19951226; CA 2156747 A1 19940929; CA 2156747 C 20050607; CN 1052034 C 20000503; CN 1119455 A 19960327; DE 59401861 D1 19970403; DK 0689577 T3 19970317; EP 0689577 A1 19960103; EP 0689577 B1 19970226; ES 2099600 T3 19970516; FI 119551 B 20081231; FI 954422 A0 19950919; FI 954422 A 19950919; GR 3023491 T3 19970829; IS 1813 B 20020708; IS 4140 A 19940921; JP 3599337 B2 20041208; JP H08508763 A 19960917; KR 100274093 B1 20001215; NO 309777 B1 20010326; NO 953659 D0 19950915; NO 953659 L 19950915; NZ 263179 A 19961126; PL 177895 B1 20000131; PL 310675 A1 19951227; SG 48900 A1 19980518; WO 9421755 A2 19940929; WO 9421755 A3 19941208; ZA 941941 B 19950116

DOCDB simple family (application)
DE 4309066 A 19930320; AU 6377294 A 19940315; BR 9405903 A 19940315; CA 2156747 A 19940315; CN 94191475 A 19940315; DE 59401861 T 19940315; DK 94911173 T 19940315; EP 9400803 W 19940315; EP 94911173 A 19940315; ES 94911173 T 19940315; FI 954422 A 19950919; GR 970401140 T 19970519; IS 4140 A 19940316; JP 52063394 A 19940315; KR 19950703731 A 19950904; NO 953659 A 19950915; NZ 26317994 A 19940315; PL 31067594 A 19940315; SG 1996003576 A 19940315; ZA 941941 A 19940318