

Title (en)
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Title (de)
KUPFERKATALYSATOR FÜR BRENNSTOFFE.

Title (fr)
CATALYSEUR DE CUIVRE POUR COMBUSTIBLES.

Publication
EP 0064494 A4 19830315 (EN)

Application
EP 81900105 A 19801112

Priority
US 8001509 W 19801112

Abstract (en)
[origin: WO8201718A1] An improved energy-saving fuel additive for diesel engines and gasoline engines which comprises separate compositions which raise the flash point from about 6° to 29°C. In the case of the diesel additive, the following formulation is preferred: Elemental iron .01%, Methyl isobutyl ketone 5.0%, Picric acid 1.5% Normal butyl alcohol 20.0%, Kerosene 73.0%, Nitrobenzene .08%, Primene 81R .05%. The composition of the agent for gasoline to high flash point is somewhat different and may be noted as follows: Copper carbonate hydroxide .02%, Methyl isobutyl ketone 5.0%, Normal butyl alcohol 20.0%, Kerosene 73.0%, Picric acid 1.5%, Nitrobenzene .08%, Primene 81R .05%.

IPC 1-7
C10L 1/22

IPC 8 full level
C10L 1/12 (2006.01); **B01J 27/02** (2006.01); **C10L 1/10** (2006.01); **C10L 1/14** (2006.01); **C10L 1/22** (2006.01); **C10L 1/23** (2006.01); **C10L 1/16** (2006.01); **C10L 1/18** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)
C10L 1/10 (2013.01); **C10L 1/1208** (2013.01); **C10L 1/1233** (2013.01); **C10L 1/1275** (2013.01); **C10L 1/1608** (2013.01); **C10L 1/1616** (2013.01); **C10L 1/1824** (2013.01); **C10L 1/1857** (2013.01); **C10L 1/2222** (2013.01); **C10L 1/231** (2013.01); **F02B 3/06** (2013.01)

Citation (search report)

- US 1669181 A 19280508 - WALTER CHESTER A, et al
- US 2962439 A 19601129 - LAUER JAMES L
- BE 535369 A

Designated contracting state (EPC)
FR

DOCDB simple family (publication)
WO 8201718 A1 19820527; AU 6645781 A 19820607; BR 8009120 A 19821013; DE 3050641 A1 19821230; EP 0064494 A1 19821117; EP 0064494 A4 19830315; EP 0064974 A1 19821124; EP 0064974 A4 19830315; GB 2099774 A 19821215; GB 2099850 A 19821215; JP S57501853 A 19821014; JP S57501854 A 19821014; NL 8020447 A 19821001; NL 8020472 A 19821001; WO 8201717 A1 19820527

DOCDB simple family (application)
US 8001530 W 19801117; AU 6645781 A 19801112; BR 8009120 A 19801112; DE 3050641 T 19801112; EP 80902355 A 19801117; EP 81900105 A 19801112; GB 8219351 A 19801112; GB 8219352 A 19801117; JP 50010580 A 19801117; JP 50025781 A 19801112; NL 8020447 A 19801117; NL 8020472 A 19801112; US 8001509 W 19801112