

Title (en)
HYDROCARBON LIQUID FORMULATION

Title (de)
KOHLENWASSERSTOFFFLÜSSIGKEITSFORMULIERUNG

Title (fr)
FORMULATION LIQUIDE D'HYDROCARBURES

Publication
EP 1080165 A1 20010307 (EN)

Application
EP 99922304 A 19990513

Priority
• GB 9901523 W 19990513
• GB 9810408 A 19980515

Abstract (en)
[origin: WO9960077A1] A liquid hydrocarbon is rendered unpalatable by introducing thereto a denaturant suitable for discouraging the ingestion of the hydrocarbon liquid, but hitherto presenting difficulties in achieving that purpose, particularly with paraffinic liquids such as lamp oil, white spirit, kerosene and other hydrocarbon solvents, wherein the denaturant is a denatonium compound, preferably denatonium benzoate, or an analogue or derivative thereof exhibiting similar organoleptic effects, and using a sufficient amount of a liquid stabiliser miscible with said hydrocarbon liquid, e.g. an alkanol or derivative thereof, to obtain a stable solution or suspension of said denaturant in said liquid hydrocarbon.

IPC 1-7
C10L 1/14

IPC 8 full level
C10L 1/22 (2006.01); **C10L 1/14** (2006.01); **C10L 1/18** (2006.01)

CPC (source: EP)
C10L 1/14 (2013.01); **C10L 1/1824** (2013.01); **C10L 1/1852** (2013.01); **C10L 1/1857** (2013.01); **C10L 1/19** (2013.01); **C10L 1/191** (2013.01); **C10L 1/224** (2013.01)

Citation (search report)
See references of WO 9960077A1

Designated contracting state (EPC)
BE DE ES FR IT NL

DOCDB simple family (publication)
WO 9960077 A1 19991125; AR 015299 A1 20010418; AU 3941199 A 19991206; AU 745819 B2 20020411; DE 69914323 D1 20040226; DE 69914323 T2 20041118; EP 1080165 A1 20010307; EP 1080165 B1 20040121; ES 2213368 T3 20040816; GB 0030498 D0 20010131; GB 2354255 A 20010321; GB 2354255 A8 20010321; GB 2354255 A8 20030807; GB 2354255 B 20021023; GB 9810408 D0 19980715; JP 2002515536 A 20020528; ZA 200006574 B 20011015

DOCDB simple family (application)
GB 9901523 W 19990513; AR P990102260 A 19990513; AU 3941199 A 19990513; DE 69914323 T 19990513; EP 99922304 A 19990513; ES 99922304 T 19990513; GB 0030498 A 19990513; GB 9810408 A 19980515; JP 2000549686 A 19990513; ZA 200006574 A 20001113