

Title (en)  
UNIVERSAL FUEL FOR ENGINES.

Title (de)  
UNIVERSALBRENNSTOFF FÜR MASCHINEN.

Title (fr)  
COMBUSTIBLE UNIVERSEL POUR MOTEURS.

Publication  
**EP 0037815 A4 19820216 (EN)**

Application  
**EP 80901839 A 19810323**

Priority  
• IL 5820679 A 19790910  
• IL 5825779 A 19790918

Abstract (en)  
[origin: WO8100721A1] A universal fuel for internal combustion engines such as piston engines, said fuel comprising: (a) about 1% to 71% by volume of a primary, secondary or tertiary monohydric aliphatic alcohol containing 1 to 8 carbon atoms, or benzyl alcohol, or mixtures thereof; (b) about 0.5% to 10% by volume of water; (c) from about 1% to 90% by volume of one or more vegetable oils, or mixtures thereof; and (d) from about 10% to 80% by volume of one or more ethers of the formula ROR', wherein R and R' may be the same or different and R and R' designate a C<s1>s to C<s3>s alkyl group, or mixtures thereof.

IPC 1-7  
**C10L 1/06**

IPC 8 full level  
**C10L 1/02** (2006.01)

CPC (source: EP)  
**C10L 1/023** (2013.01); **C10L 1/026** (2013.01); **Y02E 50/10** (2013.01)

Citation (search report)  
• FR 869828 A 19420220  
• FR 889873 A 19440121  
• US 1420622 A 19220627 - CHARBONNEAUX EDWARD A

Designated contracting state (EPC)  
AT CH DE FR GB LU NL SE

DOCDB simple family (publication)  
**WO 8100721 A1 19810319**; EP 0037815 A1 19811021; EP 0037815 A4 19820216

DOCDB simple family (application)  
**US 8001119 W 19800829**; EP 80901839 A 19810323