

Title (en)  
FUEL COMPOSITIONS

Title (de)  
BRENNSTOFFTZSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS DE CARBURANT

Publication  
**EP 0932655 A1 19990804 (EN)**

Application  
**EP 96934643 A 19961011**

Priority  
EP 9604430 W 19961011

Abstract (en)  
[origin: WO9816598A1] Multiple amide polyether alcohol compounds of formula (I), wherein R1 and R2 are each independently selected from the group consisting of hydrocarbyl of 1 to 100 carbon atoms and substituted hydrocarbyl of 1 to 100 carbon atoms; R3 and R4 are each independently selected from the group consisting of hydrocarbyl of 1 to 100 carbon atoms, substituted hydrocarbyl of 1 to 100 carbon atoms and polyoxyalkylene alcohol of 2 to 200 carbon atoms; R5 is selected from the group consisting of alkylene of 2 to 20 carbon atoms and alkylene of 2 to 20 carbon atoms having at least one methylene group replaced by at least one oxygen atom or at least one acylated nitrogen atom; x and y are each from 1 to 50 and the weight average molecular weight of the additive compound is greater than about 600 when used as gasoline additives, are found to decrease intake valve deposits.

IPC 1-7  
**C10L 1/22**; **C08G 65/26**

IPC 8 full level  
**C10L 1/22** (2006.01); **C08G 65/26** (2006.01); **C10L 1/14** (2006.01); **C10L 1/224** (2006.01); **C10L 1/238** (2006.01); **C10L 1/2387** (2006.01); **C10L 10/00** (2006.01); **C10L 10/04** (2006.01); **C10L 10/10** (2006.01); **C10L 1/16** (2006.01); **C10L 1/18** (2006.01); **C10L 1/30** (2006.01)

CPC (source: EP KR)  
**C08G 65/2633** (2013.01 - EP); **C10L 1/143** (2013.01 - EP); **C10L 1/22** (2013.01 - KR); **C10L 1/224** (2013.01 - EP); **C10L 1/238** (2013.01 - EP); **C10L 1/2387** (2013.01 - EP); **C10L 10/04** (2013.01 - EP); **C10L 1/1616** (2013.01 - EP); **C10L 1/1641** (2013.01 - EP); **C10L 1/1832** (2013.01 - EP); **C10L 1/1857** (2013.01 - EP); **C10L 1/19** (2013.01 - EP); **C10L 1/191** (2013.01 - EP); **C10L 1/198** (2013.01 - EP); **C10L 1/1985** (2013.01 - EP); **C10L 1/223** (2013.01 - EP); **C10L 1/226** (2013.01 - EP); **C10L 1/2383** (2013.01 - EP); **C10L 1/305** (2013.01 - EP)

Citation (search report)  
See references of WO 9816598A1

Designated contracting state (EPC)  
BE CH DE ES FI FR GB IT LI NL PT

DOCDB simple family (publication)  
**WO 9816598 A1 19980423**; AU 7290796 A 19980511; CA 2268116 A1 19980423; EP 0932655 A1 19990804; JP 2001505595 A 20010424; KR 20000049097 A 20000725

DOCDB simple family (application)  
**EP 9604430 W 19961011**; AU 7290796 A 19961011; CA 2268116 A 19961011; EP 96934643 A 19961011; JP 51793298 A 19961011; KR 19997003177 A 19990412