

Title (en)

LOW-SULPHUR ODORANTS FOR LIQUID GAS

Title (de)

SCHWEFELARME ODORIERMITTEL FÜR FL SSIGGAS

Title (fr)

AGENTS ODORANTS A FAIBLE TENEUR EN SOUFRE DESTINES A DES GAZ LIQUIDES

Publication

**EP 1537193 A1 20050608 (DE)**

Application

**EP 03747924 A 20030822**

Priority

- DE 10240028 A 20020827
- EP 0309325 W 20030822

Abstract (en)

[origin: US2006009372A1] The present invention relates to acrylic acid alkyl ester mixtures containing a low proportion of sulphurous compounds, the use of these to odorize liquid gas, a method for odorizing liquid gas and liquid gas containing these mixtures.

IPC 1-7

**C10L 3/00**

IPC 8 full level

**C10L 3/10** (2006.01); **C10L 3/00** (2006.01)

CPC (source: EP US)

**C10L 3/006** (2013.01 - EP US)

Citation (search report)

See references of WO 2004024852A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2006009372 A1 20060112**; AT E419320 T1 20090115; AU 2003267007 A1 20040430; DE 10240028 A1 20040311; DE 50311017 D1 20090212; EP 1537193 A1 20050608; EP 1537193 B1 20081231; JP 2005537381 A 20051208; WO 2004024852 A1 20040325

DOCDB simple family (application)

**US 52579405 A 20050225**; AT 03747924 T 20030822; AU 2003267007 A 20030822; DE 10240028 A 20020827; DE 50311017 T 20030822; EP 0309325 W 20030822; EP 03747924 A 20030822; JP 2004535139 A 20030822