

Title (en)
ESTERS FOR ODORISING COMBUSTIBLE GASES

Title (de)
ESTER ZUR ODORIERUNG VON BRENNGASEN

Title (fr)
ESTER D'ODORISATION DE GAZ COMBUSTIBLES

Publication
EP 1529091 B1 20080220 (DE)

Application
EP 03784159 A 20030802

Priority
• DE 10235753 A 20020805
• EP 0308592 W 20030802

Abstract (en)
[origin: DE10235753A1] Odorizing fuel gases with a methane content of at least 60 wt.% comprises adding a mixture of two to six C1-C6 alkyl (meth)acrylate esters and optionally an antioxidant. An Independent claim is also included for a fuel gas with a methane content of at least 60 wt.% containing such a mixture.

IPC 8 full level
C10L 3/00 (2006.01)

CPC (source: EP)
C10L 3/006 (2013.01)

Cited by
CN113956904A

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)
WO 2004015036 A1 20040219; AT E386791 T1 20080315; AU 2003253377 A1 20040225; DE 10235753 A1 20040219; DE 50309212 D1 20080403; EP 1529091 A1 20050511; EP 1529091 B1 20080220

DOCDB simple family (application)
EP 0308592 W 20030802; AT 03784159 T 20030802; AU 2003253377 A 20030802; DE 10235753 A 20020805; DE 50309212 T 20030802; EP 03784159 A 20030802