

Title (en)

ODORANT COMPRISING NORBORNENE/DERIVATIVE FOR GAS

Title (de)

ODORIERMITTEL ENTHALTEND NORBORNEN/DERIVAT FÜR GAS

Title (fr)

AGENT ODORANT COMPRENANT NORBORNENE/DÉRIVÉ POUR GAZ

Publication

EP 1381659 A2 20040121 (DE)

Application

EP 01997533 A 20011029

Priority

- DE 10058805 A 20001127
- EP 0112472 W 20011029

Abstract (en)

[origin: WO0242396A2] The invention relates to an odorant for city gas, containing norbornene or a norbornene derivative, a thinner and optionally additional additives. The inventive odorant is characterised in that it is sulphurless and has a low toxicity and that only a negligible amount is absorbed by the soil. The odorant releases a distinct warning odour, even in low concentrations.

IPC 1-7

C10L 3/00

IPC 8 full level

C10L 3/00 (2006.01)

CPC (source: EP US)

C10L 3/006 (2013.01 - EP US)

Citation (search report)

See references of WO 0242396A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0242396 A2 20020530; WO 0242396 A3 20031106; AT E359348 T1 20070515; AU 1906502 A 20020603; DE 10058805 A1 20020606; DE 50112348 D1 20070524; EP 1381659 A2 20040121; EP 1381659 B1 20070411; RU 2267519 C2 20060110; US 2005258402 A1 20051124

DOCDB simple family (application)

EP 0112472 W 20011029; AT 01997533 T 20011029; AU 1906502 A 20011029; DE 10058805 A 20001127; DE 50112348 T 20011029; EP 01997533 A 20011029; RU 2003119082 A 20011029; US 43324003 A 20031010