

Title (en)

ODORANT MIXTURE FOR AN ODOURLESS COMBUSTIBLE GAS

Title (de)

ZUSAMMENSETZUNG ZUR ODORIERUNG EINES GERUCHLOSEN BRENNGASES

Title (fr)

MELANGE ODORISANT POUR COMBUSTIBLE GAZEUX INODORE

Publication

**EP 2038382 B1 20190403 (FR)**

Application

**EP 07803935 A 20070625**

Priority

- FR 2007051512 W 20070625
- FR 0652636 A 20060626
- US 85858706 P 20061113

Abstract (en)

[origin: FR2902798A1] Composition useful for odorizing fuel gas comprises an alkyl acrylate (I) and a nitroxide (II) in an amount sufficient to inhibit polymerization of (I) in the presence and/or absence of oxygen. .

IPC 8 full level

**C10L 3/00** (2006.01)

CPC (source: CN EP KR US)

**C10L 3/00** (2013.01 - KR); **C10L 3/006** (2013.01 - CN EP US); **C10L 3/10** (2013.01 - KR); **C10L 10/00** (2013.01 - KR);  
**C10L 1/19** (2013.01 - EP US); **C10L 1/23** (2013.01 - EP US)

Citation (examination)

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- DE 19837066 A1 20000224 - HAARMANN & REIMER GMBH [DE], et al
- MICHAEL K. GEORGES ET AL: "TEMPO-Mediated n -Butyl Acrylate Polymerizations", MACROMOLECULES, vol. 37, no. 4, 1 February 2004 (2004-02-01), US, pages 1297 - 1303, XP055294002, ISSN: 0024-9297, DOI: 10.1021/ma034409v
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DOCDB simple family (publication)

**FR 2902798 A1 20071228; FR 2902798 B1 20090424**; AU 2007264760 A1 20080103; AU 2007264760 B2 20101111;  
BR PI0713296 A2 20120320; BR PI0713296 B1 20170307; CA 2655938 A1 20080103; CA 2655938 C 20130402; CN 101553557 A 20091007;  
CN 104830390 A 20150812; CN 104830390 B 20200821; CN 105779045 A 20160720; DK 2038382 T3 20190520; EA 018470 B1 20130830;  
EA 200970057 A1 20090630; EG 26886 A 20141119; EP 2038382 A2 20090325; EP 2038382 B1 20190403; JP 2009541570 A 20091126;  
JP 5110662 B2 20121226; KR 101130599 B1 20120402; KR 20090024730 A 20090309; KR 20110083758 A 20110720;  
MX 2009000180 A 20090123; NZ 574367 A 20111125; TR 201907063 T4 20190621; US 2009300987 A1 20091210; US 8317887 B2 20121127;  
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DOCDB simple family (application)

**FR 0652636 A 20060626**; AU 2007264760 A 20070625; BR PI0713296 A 20070625; CA 2655938 A 20070625; CN 200780024053 A 20070625;  
CN 201510113754 A 20070625; CN 201610089879 A 20070625; DK 07803935 T 20070625; EA 200970057 A 20070625;  
EG 2008122080 A 20081224; EP 07803935 A 20070625; FR 2007051512 W 20070625; JP 2009517347 A 20070625;  
KR 20087031544 A 20070625; KR 20117015323 A 20070625; MX 2009000180 A 20070625; NZ 57436707 A 20070625;  
TR 201907063 T 20070625; US 30600707 A 20070625; ZA 200900266 A 20070625