

Title (en)

ODORANT FOR GAS AND PROCESS FOR PRODUCTION OF TOWN GAS WITH THE ODORANT

Title (de)

ODORIERMITTEL FÜR GAS UND VERFAHREN ZUR HERSTELLUNG VON STADTGAS MIT DEM ODORIERMITTEL

Title (fr)

SUBSTANCE ODORANTE POUR GAZ ET PROCÉDÉ DE PRODUCTION DE GAZ DE VILLE COMPORTANT LADITE SUBSTANCE ODORANTE

Publication

EP 2177592 A1 20100421 (EN)

Application

EP 08777505 A 20080617

Priority

- JP 2008061388 W 20080617
- JP 2007159861 A 20070618
- JP 2007177102 A 20070705
- JP 2007182796 A 20070712

Abstract (en)

The present invention relates to a gas odorizer that imparts to gas a warning odor required for awareness of gas leakage, and to a method of manufacturing town gas that uses the gas odorizer. The gas odorizer of the present invention contains no nitrogen, or even in cases in which it is included, is in a sufficiently low concentration, so that the combusting of fuel gas in which the gas odorizer of the present invention is blended does not produce sulfides, making it possible to prevent environmental pollution and making it suitable to use for fuel cell applications. The method of manufacturing the town gas of the present invention comprises a gasifying step of gasifying liquefied natural gas, an LPG odorizing step of adding the gas odorizer of the present invention to liquefied petroleum gas, and a town gas generation step in which liquefied petroleum gas obtained by the LPG odorizing step is gasified and mixed with natural gas obtained by the gasification step and the heating value and combustibility adjusted to form the town

IPC 8 full level

C10L 3/10 (2006.01)

CPC (source: EP)

C10L 3/006 (2013.01)

Cited by

EP4063275A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2177592 A1 20100421; EP 2177592 A4 20120516; CN 101679891 A 20100324; JP 5382583 B2 20140108; JP WO2008156191 A1 20100826; WO 2008156191 A1 20081224

DOCDB simple family (application)

EP 08777505 A 20080617; CN 200880020964 A 20080617; JP 2008061388 W 20080617; JP 2009520574 A 20080617