

Title (en)

Method of making a gaseous medium opaque in the optical and infrared ranges of the electromagnetic spectrum.

Title (de)

Verfahren zum Lichtundurchlässigmachen eines gasförmigen Mediums in den optischen und infraroten Gebieten des elektromagnetischen Spektrums.

Title (fr)

Procédé d'opacification d'un milieu gazeux dans les bandes optiques et infrarouges du spectre électromagnétique.

Publication

EP 0020217 A1 19801210 (FR)

Application

EP 80400647 A 19800512

Priority

FR 7913195 A 19790523

Abstract (en)

[origin: ES8103834A1] The invention relates to a process for opacifying a gaseous medium transparent to optical and thermal radiation. It is characterized in that it consists in diffusing in the medium, for example the atmosphere, an aerosol such as boron trichloride (BCl₃). The invention applies to the field of electro-optical countermeasures.

Abstract (fr)

Procédé permettant d'opacifier un milieu gazeux transparent aux rayonnements optiques et thermiques. Procédé caractérisé en ce qu'il consiste à diffuser dans le milieu, par exemple l'atmosphère, un aérosol (5) tel que le trichlorure de bore (BCl₃). L'invention trouve application dans le domaine des contre-mesures électrooptiques.

IPC 1-7

F41H 9/06; F41H 11/02

IPC 8 full level

F41H 3/00 (2006.01); **F41H 9/00** (2006.01); **F41H 9/06** (2006.01); **F41H 11/02** (2006.01); **F42B 12/70** (2006.01); **G01S 7/48** (2006.01); **H04K 3/00** (2006.01)

CPC (source: EP US)

F41H 9/06 (2013.01 - EP US); **F41H 11/02** (2013.01 - EP US); **F42B 12/70** (2013.01 - EP US); **Y10S 149/117** (2013.01 - EP US)

Citation (search report)

- FR 2309828 A1 19761126 - LACROIX E [FR]
- DE 2509539 A1 19761223 - DYNAMIT NOBEL AG
- US 3992628 A 19761116 - KARNEY JAMES L
- FR 2421363 A1 19791026 - MAGNUSSON ARNOLD [SE]

Cited by

FR2705168A1; FR2709175A1; EP1588996A3; FR2573858A1; FR2709541A1; EP0602481A1; GB2158061A; DE4444670A1; DE4444670B4; US5301009A; WO2022123218A1

Designated contracting state (EPC)

AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)

EP 0020217 A1 19801210; EP 0020217 B1 19840208; EP 0020217 B2 19920902; AR 221939 A1 19810331; AT E6174 T1 19840215; BR 8003148 A 19801223; CA 1147545 A 19830607; DE 3066473 D1 19840315; DK 151060 B 19871019; DK 151060 C 19880314; DK 223980 A 19801124; EG 14065 A 19831231; ES 491624 A0 19810316; ES 8103834 A1 19810316; FI 801536 A 19801124; FR 2457474 A1 19801219; FR 2457474 B1 19821231; GR 68437 B 19811230; IL 60130 A 19830930; JP S55165500 A 19801223; NO 147350 B 19821213; NO 147350 C 19830323; NO 801539 L 19801124; PT 71291 A 19800601; TR 21717 A 19850418; US 4328117 A 19820504; YU 134580 A 19830228; ZA 802997 B 19810624

DOCDB simple family (application)

EP 80400647 A 19800512; AR 28117180 A 19800523; AT 80400647 T 19800512; BR 8003148 A 19800520; CA 352515 A 19800522; DE 3066473 T 19800512; DK 223980 A 19800522; EG 31580 A 19800520; ES 491624 A 19800520; FI 801536 A 19800512; FR 7913195 A 19790523; GR 800162028 A 19800522; IL 6013080 A 19800520; JP 6881480 A 19800523; NO 801539 A 19800522; PT 7129180 A 19800522; TR 2171780 A 19800522; US 15159080 A 19800520; YU 134580 A 19800520; ZA 802997 A 19800520