

Title (en)

METHOD AND INSTALLATION FOR ELIMINATING GASEOUS ORGANIC SUBSTANCES IN THE AIR

Title (de)

VERFAHREN UND ANLAGE ZUR ENTFERNUNG GASFÖRMIGER ORGANISCHER STOFFE AUS DER LUFT

Title (fr)

PROCEDE ET INSTALLATION POUR ELIMINER DES SUBSTANCES ORGANIQUES GAZEUSES CONTENUES DANS L'AIR

Publication

EP 0954368 A1 19991110 (DE)

Application

EP 98946226 A 19980709

Priority

- DE 9801920 W 19980709
- DE 19730292 A 19970715

Abstract (en)

[origin: WO9903565A1] An installation comprising an adsorber (1), a microwave unit (2) arranged on the adsorber and a catalytic converter (3) for oxidizing the desorbed organic substances is used to eliminate gaseous organic substances in the air.

IPC 1-7

B01D 53/06; **B01D 53/86**; **B60H 3/00**; **F24F 3/16**; **B01J 20/34**

IPC 8 full level

B01D 53/02 (2006.01); **B01D 53/04** (2006.01); **B01D 53/86** (2006.01); **B01J 20/18** (2006.01); **B01J 20/34** (2006.01); **B60H 3/06** (2006.01); **F24F 8/158** (2021.01); **F24F 8/90** (2021.01); **F24F 8/167** (2021.01)

CPC (source: EP US)

B01D 53/06 (2013.01 - EP US); **B01D 53/8668** (2013.01 - EP US); **B01J 20/18** (2013.01 - EP US); **B01J 20/3408** (2013.01 - EP US); **B01J 20/3441** (2013.01 - EP US); **B60H 3/0633** (2013.01 - EP US); **F24F 8/158** (2021.01 - EP US); **F24F 8/90** (2021.01 - EP US); **B01D 2253/108** (2013.01 - EP US); **B01D 2253/25** (2013.01 - EP US); **B01D 2257/70** (2013.01 - EP US); **B01D 2259/40081** (2013.01 - EP US); **B01D 2259/4009** (2013.01 - EP US); **B01D 2259/40094** (2013.01 - EP US); **B01D 2259/4566** (2013.01 - EP US); **B01D 2259/4575** (2013.01 - EP US); **B60H 2003/0691** (2013.01 - EP US); **B64D 2013/0651** (2013.01 - EP US); **F24F 8/167** (2021.01 - EP US)

Citation (search report)

See references of WO 9903565A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

WO 9903565 A1 19990128; DE 19730292 C1 19990311; EP 0954368 A1 19991110; JP 2001500787 A 20010123; US 6296823 B1 20011002

DOCDB simple family (application)

DE 9801920 W 19980709; DE 19730292 A 19970715; EP 98946226 A 19980709; JP 50613499 A 19980709; US 25485899 A 19990819