

Title (en)  
METHOD FOR PREPARING A COMPOSITE BIMEVOX ELECTROLYTE, USE OF SAID COMPOSITE FOR SEPARATING OXYGEN FROM A GAS MIXTURE

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES MISCHELEKTROLYTEN AUF DER BASIS VON BIMEVOX, VERWENDUNG DIESES MISCHELEKTROLYTEN IN DER SEPARATION VON SAUERSTOFF AUS EINEM GASGEMISCH

Title (fr)  
PROCEDE DE PREPARATION D'UN ELECTROLYTE COMPOSITE A BASE DE BIMEVOX, UTILISATION DUDIT COMPOSITE DANS LA SEPARATION DE L'OXYGENE D'UN MELANGE GAZEUX

Publication  
**EP 1098849 A1 20010516 (FR)**

Application  
**EP 99926562 A 19990629**

Priority  
• FR 9901559 W 19990629  
• FR 9808522 A 19980703

Abstract (en)  
[origin: US6207038B1] A process for preparing a solid composite electrolyte comprising at least one compound of the BIMEVOX family is provided. The process comprises at least one step of preparing a mixture of one or more compounds of the BIMEVOX family with one or more chemically inert compounds, at least one step of compacting the mixture obtained, and at least one sintering step during which the temperature reached, over a non-zero time interval, has a value greater than the optimum sintering temperature for the compound of the BIMEVOX family.

IPC 1-7  
**C01G 31/00**; **B01D 53/32**; **H01M 8/12**

IPC 8 full level  
**G01N 27/409** (2006.01); **B01D 53/32** (2006.01); **C01B 13/02** (2006.01); **C01G 31/00** (2006.01); **C01G 51/00** (2006.01); **G01N 27/407** (2006.01); **H01B 1/08** (2006.01); **H01B 13/00** (2006.01); **H01M 8/02** (2006.01); **H01M 8/12** (2006.01)

CPC (source: EP US)  
**B01D 53/326** (2013.01 - EP US); **C01B 13/0233** (2013.01 - EP US); **C01G 31/006** (2013.01 - EP US); **G01N 27/4073** (2013.01 - EP US); **B01D 2257/104** (2013.01 - EP US); **C01B 2210/0046** (2013.01 - EP US); **C01P 2002/54** (2013.01 - EP US); **C01P 2004/03** (2013.01 - EP US); **C01P 2006/40** (2013.01 - EP US)

Citation (search report)  
See references of WO 0001619A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 6207038 B1 20010327**; CN 1307542 A 20010808; EP 1098849 A1 20010516; FR 2780717 A1 20000107; FR 2780717 B1 20000818; IL 139948 A0 20020210; JP 2002519838 A 20020702; WO 0001619 A1 20000113; ZA 200007797 B 20020222

DOCDB simple family (application)  
**US 34630899 A 19990702**; CN 99808097 A 19990629; EP 99926562 A 19990629; FR 9808522 A 19980703; FR 9901559 W 19990629; IL 13994899 A 19990629; JP 2000558031 A 19990629; ZA 200007797 A 20001221