

Title (en)

IONIC LIQUIDS CONTAINING GUANIDINIUM CATIONS

Title (de)

IONISCHE FLÜSSIGKEITEN MIT GUANIDINIUM-KATIONEN

Title (fr)

LIQUIDES IONIQUES CONTENANT DES CATIONS DE GUANIDINE

Publication

EP 1636173 A2 20060322 (DE)

Application

EP 04724995 A 20040401

Priority

- EP 2004003459 W 20040401
- DE 10325051 A 20030602

Abstract (en)

[origin: WO2004106288A2] The invention relates to salts containing guanidinium cations, to a method for their production and to their use as ionic liquids.

IPC 1-7

C07C 279/02; C07D 279/04; C07D 233/48; C07F 9/28; C07C 309/06; C07F 5/02; C07C 277/08

IPC 8 full level

C07C 277/08 (2006.01); **C07C 279/02** (2006.01); **C07C 279/04** (2006.01); **C07D 233/02** (2006.01); **C07D 233/48** (2006.01); **C07F 5/04** (2006.01); **C07F 9/28** (2006.01)

CPC (source: EP US)

C07C 277/08 (2013.01 - EP US); **C07C 279/02** (2013.01 - EP US); **C07C 279/04** (2013.01 - EP US); **C07D 233/02** (2013.01 - EP US); **C07D 233/48** (2013.01 - EP US); **C07F 5/04** (2013.01 - EP US); **C07F 9/28** (2013.01 - EP US)

Citation (search report)

See references of WO 2004106288A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004106288 A2 20041209; WO 2004106288 A3 20050317; DE 10325051 A1 20041223; EP 1636173 A2 20060322; US 2007265453 A1 20071115; US 7709656 B2 20100504

DOCDB simple family (application)

EP 2004003459 W 20040401; DE 10325051 A 20030602; EP 04724995 A 20040401; US 55918304 A 20040401