

Title (en)  
PLATE FOR A PLASMA PANEL WITH REINFORCED POROUS BARRIERS

Title (de)  
PLATTE FÜR PLASMASCHIRM MIT VERSTÄRKTEN PORÖSEN BARRIEREN

Title (fr)  
DALLE POUR PANNEAU A PLASMA A BARRIERES POREUSES RENFORCEES

Publication  
**EP 1415316 B1 20090114 (FR)**

Application  
**EP 02745478 A 20020604**

Priority  
• FR 0201868 W 20020604  
• FR 0108628 A 20010629  
• FR 0112250 A 20010921

Abstract (en)  
[origin: WO03003398A2] A plate comprising a substrate (10) covered with at least one network of electrodes (11), said network being covered with a network of barriers (17) made of a mineral material with a porosity of more than 25 %, comprising a porous-based underlayer (18) which is placed inbetween the network of electrodes (11) and the network of barriers (17), and which is made of a mineral material with a porosity of more than 25 %. Reinforced porous barriers are obtained. Advantageously, the plate does not comprise a specific dielectric layer; the number of manufacturing steps is limited and the plate can be produced entirely at low temperature.

IPC 8 full level  
**H01J 7/04** (2006.01); **H01J 11/34** (2012.01); **H01J 9/02** (2006.01); **H01J 9/24** (2006.01); **H01J 11/12** (2012.01); **H01J 11/36** (2012.01); **H01J 11/44** (2012.01)

CPC (source: EP KR US)  
**H01J 9/242** (2013.01 - EP US); **H01J 11/12** (2013.01 - EP US); **H01J 11/34** (2013.01 - KR); **H01J 11/36** (2013.01 - EP KR US); **H01J 11/44** (2013.01 - KR); **H01J 2211/361** (2013.01 - EP US); **H01J 2211/366** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 03003398 A2 20030109**; **WO 03003398 A3 20031106**; AU 2002317214 A1 20030303; CN 100505137 C 20090624; CN 1526152 A 20040901; DE 60230875 D1 20090305; EP 1415316 A2 20040506; EP 1415316 B1 20090114; JP 2004531041 A 20041007; JP 4324466 B2 20090902; KR 100852678 B1 20080819; KR 20040012968 A 20040211; TW I294136 B 20080301; US 2004169471 A1 20040902; US 7339318 B2 20080304

DOCDB simple family (application)  
**FR 0201868 W 20020604**; AU 2002317214 A 20020604; CN 02812092 A 20020604; DE 60230875 T 20020604; EP 02745478 A 20020604; JP 2003509482 A 20020604; KR 20037016863 A 20031224; TW 91114255 A 20020628; US 48136003 A 20031218