

Title (en)  
PLASMA PANEL COMPRISING CEMENT PARTITION BARRIERS

Title (de)  
PLASMATAFEL MIT ZEMENT-AUFTEILUNGSBARRIEREN

Title (fr)  
PANNEAU A PLASMA DONT LES BARRIERES DE PARTITIONNEMENT SONT EN CIMENT

Publication  
**EP 1627407 A2 20060222 (FR)**

Application  
**EP 04734527 A 20040524**

Priority  
• EP 2004050905 W 20040524  
• FR 0306383 A 20030527

Abstract (en)  
[origin: WO2004107381A2] The invention relates to a plasma panel comprising cement partition barriers. The inventive panel comprises two slabs defining a sealed space therebetween. The aforementioned sealed space is filled with discharge gas and partitioned into discharge cells (6R, 6G, 6B) which are defined between the slabs by means of barriers (3), said barriers being made from a material comprising a hydraulic binder-based inorganic binder and a mineral filler. Since a hydraulic binder is used in place of an inorganic vitreous binder, the panels can be produced at a lower temperature.

IPC 1-7  
**H01J 9/24**; **H01J 17/16**

IPC 8 full level  
**H01J 9/24** (2006.01)

CPC (source: EP KR US)  
**H01J 9/242** (2013.01 - EP KR US); **H01J 11/36** (2013.01 - KR); **H01J 2211/36** (2013.01 - EP US); **H01J 2211/366** (2013.01 - KR); **H01J 2217/4925** (2013.01 - KR); **H01J 2329/864** (2013.01 - KR)

Citation (search report)  
See references of WO 2004107381A2

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**FR 2855644 A1 20041203**; CN 100474488 C 20090401; CN 1795524 A 20060628; DE 602004005328 D1 20070426; DE 602004005328 T2 20071220; EP 1627407 A2 20060222; EP 1627407 B1 20070314; JP 2007523442 A 20070816; JP 4633726 B2 20110216; KR 101026462 B1 20110401; KR 20060007438 A 20060124; US 2007024203 A1 20070201; US 7710033 B2 20100504; WO 2004107381 A2 20041209; WO 2004107381 A3 20050210

DOCDB simple family (application)  
**FR 0306383 A 20030527**; CN 200480014114 A 20040524; DE 602004005328 T 20040524; EP 04734527 A 20040524; EP 2004050905 W 20040524; JP 2006530217 A 20040524; KR 20057022485 A 20040524; US 55800904 A 20040524