METHOD OF PRODUCING RIB PLASMA FOR DISPLAY PANEL SUBSTRATE

Abstract: A method of producing a rib for a plasma display panel substrate, which comprises the steps of: (a) partially filling a groove portion (6) of a mold (1) with a first photosensitive glass-ceramic paste (2) selected from a photosensitive black glass-ceramic paste and a photosensitive white glass-ceramic paste, and curing the paste by irradiating with radiation; (b) supplying a second photosensitive glass-ceramic paste (3), which is different from the first photosensitive glass-ceramic paste, selected from the photosensitive black glass-ceramic paste and the photosensitive white glass-ceramic paste, on a glass base (12), and laminating the mold (1) with the glass base (12) through the second paste (3) to form a laminate; (c) irradiating the laminate with radiation to form a rib precursor molded article (4) composed of two white and black layers; (d) removing the mold (1) from the glass base (12) and the rib precursor molded article (4) to transfer the rib precursor molded article (4) to the glass base (12); and (e) sintering the rib precursor molded article (4) to form a rib formed integrally on the glass base (12).
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC 7 H01J9/24

According to International Patent Classification (IPC) or to both national classification and IPC.

B. FIELDS SEARCHED
   Minimum documentation searched (classification system followed by classification symbols)
   IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched.

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
   PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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| A        | EP 0 875 915 A (KYOCERA CORP)  
           4 November 1998 (1998-11-04)  
           column 12, line 28 - line 40  
           column 13, line 46 -column 14, line 8;  
           figures 15-17  
           column 17, line 30 - line 36  
           ___                        | 1                    |
           page 10, line 8 - line 25; figure 5  
           ___                        | 1                    |
| A        | PATENT ABSTRACTS OF JAPAN  
           vol. 2000, no. 05,  
           14 September 2000 (2000-09-14)  
           & JP 2000 040463 A (TORAY IND INC),  
           8 February 2000 (2000-02-08)  
           abstract  
           ___                        | 1                    |

Further documents are listed in the continuation box C.  

Patent family members are listed in annex.

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Date of the actual completion of the international search: 12 March 2002

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Name and mailing address of the ISA:
European Patent Office, P.B. 5618 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epos nl  
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