

Title (en)  
Display apparatus

Title (de)  
Anzeigegerät

Title (fr)  
Dispositif d'affichage

Publication  
**EP 0421772 B1 19951227 (EN)**

Application  
**EP 90310846 A 19901004**

Priority  
JP 26129789 A 19891006

Abstract (en)  
[origin: EP0421772A2] There is provided a display apparatus which uses a display panel using a liquid crystal having a bistability or a memory performance such as a ferroelectric liquid crystal and can display image data in various display modes in which the number of pixels (resolution), display color, minimum pixel unit, and the like respectively differ. The display apparatus comprises: a memory to store the image data; a pixel data output circuit to output the image data stored in the memory every pixel data; a converter to convert the pixel data which was output from the pixel data output circuit into binary data which is displayed on the display panel; a display data output circuit for converting the binary data converted by the converter into the display data corresponding to the display mode and outputting; and a display controller for allowing the image data which was output by the display data output circuit to be displayed on the display panel. A multiplexer is used as a pixel data output circuit. An RAM in which binary data has been stored is used as a converter.

IPC 1-7  
**G09G 3/36**

IPC 8 full level  
**G06T 11/00** (2006.01); **G09G 3/36** (2006.01); **G09G 5/02** (2006.01); **G09G 3/20** (2006.01)

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**G09G 2360/02** (2013.01 - EP KR)

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EP0606993A3; US6018331A; EP0464555A3; US5903253A; EP0847194A3; WO9810405A1; WO0191098A1; WO0152226A3; US6236388B1;  
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**EP 0421772 A2 19910410; EP 0421772 A3 19921119; EP 0421772 B1 19951227**; AT E132287 T1 19960115; AU 6385890 A 19910411;  
AU 638754 B2 19930708; CA 2027043 A1 19910407; CA 2027043 C 19950214; DE 69024448 D1 19960208; DE 69024448 T2 19960523;  
DK 0421772 T3 19960129; ES 2081942 T3 19960316; GR 3018924 T3 19960531; JP 2877381 B2 19990331; JP H03123386 A 19910527;  
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