

Title (en)  
Method for reducing temporal artifacts in digital video systems

Title (de)  
Verfahren zum Reduzieren zeitlicher Artefakte in digitalen Videosystemen

Title (fr)  
Méthode pour réduire l'artefact temporel dans des systèmes vidéo numériques

Publication  
**EP 0698874 B1 20011212 (EN)**

Application  
**EP 95111242 A 19950718**

Priority  
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Abstract (en)  
[origin: EP0698874A1] A method and system for improved display of digital video data. The data is arranged into bit planes according to the binary weight of each bit per pixel. The bit planes are then translated into non-binary weighted bit planes by bit translation circuitry (22). These non-binary bit planes are transmitted to the activation circuitry of a spatial light modulator array (30), such that each non-binary bit is displayed at symmetrical times around at least one predetermined point within a video frame time, eliminating visual artifacts associated with binary pulse-width modulation.  
<MATH>

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

IPC 8 full level  
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Citation (examination)

- EP 0686954 A1 19951213 - TEXAS INSTRUMENTS INC [US]
- WO 9409473 A1 19940428 - RANK BRIMAR LTD [GB], et al
- CA 2113213 A1 19940712 - KORNHER KEVIN L [US], et al

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