

Title (en)

Driving method and apparatus for a microtip display

Title (de)

Verfahren und Einrichtung zur Steuerung einer Mikrospitzenanzeigevorrichtung

Title (fr)

Procédé et dispositif de commande d'un écran fluorescent à micropointes

Publication

EP 0635819 B1 19981125 (FR)

Application

EP 94401670 A 19940720

Priority

FR 9309022 A 19930722

Abstract (en)

[origin: EP0635819A1] The invention relates to a method for control of a fluorescent microdot screen consisting of pixels arranged into L rows and M columns of images capable of taking a discrete number of Q grey shades, in which the column voltage values are chosen in a strictly increasing series of $N+1$ values such that, with the row selection times being subdivided into S equal time intervals Δt , each voltage value is applied a whole number of times Δt , $(N \times S)+1$ representing the number of grey levels, with $N \geq 2$ and $S \geq 2$. During a row selection time, the corresponding column voltage takes a first value V_a for a certain number of time intervals Δt , then, if appropriate, during the remaining time intervals at most one second value V_b following the first one in the series of N voltages. The invention also relates to a control device for such a screen. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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