

Title (en)

METHOD FOR MAKING FLAT DISPLAY SCREENS AND FLAT SCREENS MADE ACCORDING TO THIS METHOD

Publication

EP 0155895 B1 19890614 (FR)

Application

EP 85430005 A 19850305

Priority

FR 8403877 A 19840309

Abstract (en)

[origin: US4763187A] A device and method for formation of images with flat video screens by a line- and column-addressed point matrix. Field point matrix uses field emission micro tips as fluorescent screen portions being connected in columns. An electric field is applied between each tip and the fluorescent screen portion corresponding thereto, such that the respective tip emits electrons and a light spot is formed on the video screen, the intensity of which depends upon the applied voltage for attracting electrons. Emission from other tips is blocked by applying a negative voltage to the other columns. Thus, by successive switchings, successive luminous spots are formed on the video screen as desired.

IPC 1-7

H01J 29/52; H01J 31/12

IPC 8 full level

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CPC (source: EP US)

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Cited by

GB2261766B; FR2604823A1; US5231387A; AU595043B2; EP0349426A1; FR2633765A1; EP0349425A1; FR2633763A1; US5225820A; EP0345148A1; FR2632436A1; US5138308A; WO8801098A1; EP0172089B1

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