PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : G09G 3/30 — A2

(11) International Publication Number: WO 96/36959

(43) International Publication Date: 21 November 1996 (21.11.96)

(21) International Application Number: PCT/IB96/00414

(22) International Filing Date: 7 May 1996 (07.05.96)

(30) Priority Data:
95201318.3 19 May 1995 (19.05.95) EP
(34) Countries for which the regional or international application was filed: NL et al.

(71) Applicant: PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) Applicant *(for SE only)*: PHILIPS NORDEN AB [SE/SE]; Kottbygatan 5, Kista, S-164 85 Stockholm (SE).

(72) Inventors: STARING, Aemilianus, Gradus, Johannus; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). BRAUN, David, B.; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). KUIJK, Karel, Elbert; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(74) Agent: RAAP, Adriaan, Y.; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) Designated States: CN, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: DISPLAY DEVICE

(57) Abstract

Control device for an electroluminescent display device, comprising an active layer of a semiconducting polymer of, for example, pixels arranged in the form of a matrix, reducing flicker and crosstalk. The control device may be based on voltage control at which voltages across the pixels are at least 1.6 V, but is preferably based on current control, at which the duration of the data pulses determines the grey level.

