PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : G11B 20/00 — A1

(11) International Publication Number: WO 00/57416

(43) International Publication Date: 28 September 2000 (28.09.00)

(21) International Application Number: PCT/EP00/01958

(22) International Filing Date: 7 March 2000 (07.03.00)

(30) Priority Data:
99200873.0 23 March 1999 (23.03.99) EP

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

(72) Inventors: VAN DIJK, Marten, E.; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). COENE, Willem, M., J., M.; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). BAGGEN, Constant, P., M., J.; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) Agent: FAESSEN, Louis, M., H.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: INFORMATION CARRIER, DEVICE FOR ENCODING, METHOD FOR ENCODING, DEVICE FOR DECODING AND METHOD FOR DECODING

(57) Abstract

The invention relates to an information carrier comprising runlength limited marks in a track. The runlengths of the marks represent main channel bits and variations of a further parameter of the marks representing secondary channel bits. Not all marks have said variations, only marks of at least a predetermined runlength have said variations. The invention further relates to a device for encoding, a method for encoding, a device for encoding and a method for decoding.

