

(19) World Intellectual Property Organization
International Bureau



G00002

(43) International Publication Date
6 September 2002 (06.09.2002)

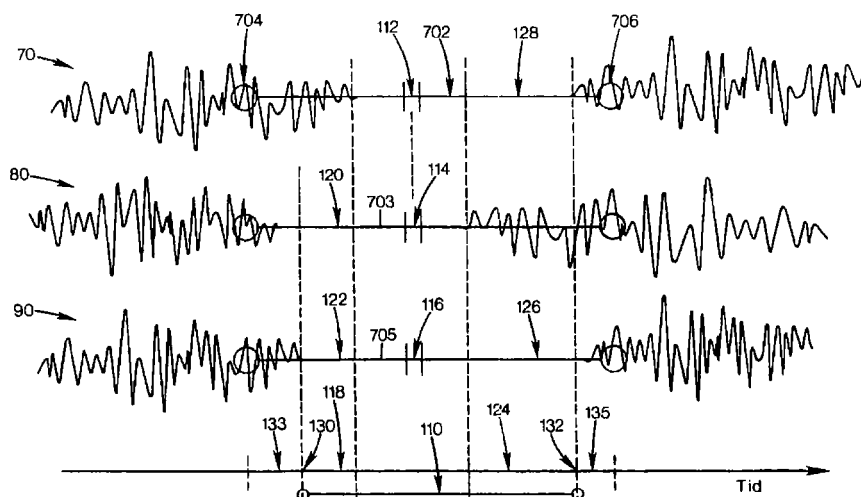
PCT

(10) International Publication Number
WO 02/069148 A1

- (51) International Patent Classification⁷: **G06F 12/02**,
G10L 21/00
- (21) International Application Number: PCT/US02/05537
- (22) International Filing Date: 21 February 2002 (21.02.2002)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0100642-8 26 February 2001 (26.02.2001) SE
60/274,904 9 March 2001 (09.03.2001) US
10/047,532 23 October 2001 (23.10.2001) US
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 10/047,532 (CON)
Filed on 23 October 2001 (23.10.2001)
- (71) Applicant (for all designated States except US): **POP-CATCHER INC.** [US/US]; c/o Fasth Law Offices, 189 Curtis Drive, Longview, WA 98632-5374 (US).
- (72) Inventors: **BERG, Jacob** [SE/SE]; Valhallavägen 49, S-114 22 Stockholm (SE). **BERG, Rickard** [SE/SE]; Erikdahlbergsalle 9b, S-115 20 Stockholm (SE). **AHRNE, Tomas** [SE/SE]; Kistvågen 7, S-122 45 Enskede (SE).
- (74) Agent: **FASTH, Rolf**; Fasth Law Offices, 189 Curtis Drive, Longview WA 98632-5374 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, 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, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD AND ARRANGEMENT FOR SEARCH AND RECORDING OF MEDIA SIGNALS



162162

(57) Abstract: The method and a system is for locating and recording time-limited signal sequences (10, 20, 30, 40, 50, 60, 70, 80, 90) in media channels that may contain undesirable signal components (102, 103, 104, 105, 202, 204), e.g., recording music in radio transmissions. The signals are continuously buffered in a memory. The user identifies a desired source material. Out of this desired source material a section may be taken as a search key (100, 112, 400). The device may also select search keys automatically. If a second instance of the search key (114, 200, 500, 510, 520) is detected, signal sequences that in time are connected to the search keys are compared. The signal sequences that by comparison are substantially identical are identified as belonging to the same, wanted, source material. The next step is an iteration of the above procedure results in a longer and higher quality segment of source material than the initial common segment.

WO 02/069148 A1



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.