

20102605-3

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 March 2001 (15.03.2001)

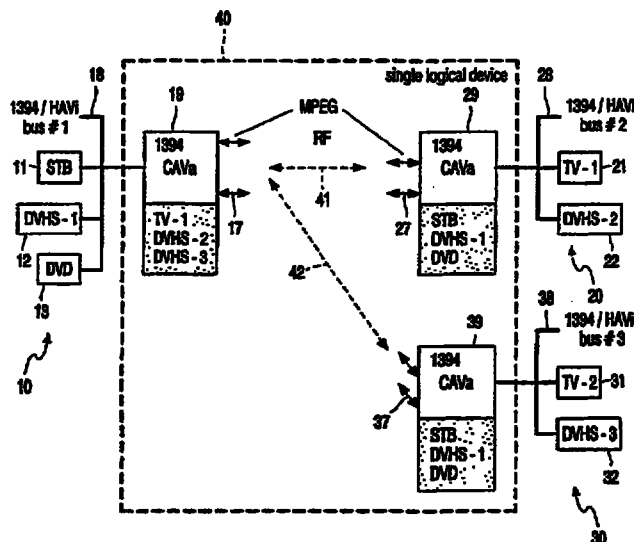
PCT

(10) International Publication Number
WO 01/19032 A1

- (51) International Patent Classification⁷: H04L 12/28, 12/46
- (21) International Application Number: PCT/EP00/08449
- (22) International Filing Date: 30 August 2000 (30.08.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 9921049.4 7 September 1999 (07.09.1999) GB
- (71) Applicant: KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors: HILLIER, Paul, V.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LANIGAN, Peter, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SHEPHERD, Nicoll, B.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) Agent: WHITE, Andrew, G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, 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.
— Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

[Continued on next page]

(54) Title: CLUSTERED NETWORKED DEVICES



(57) Abstract: A local communication system comprises a first cluster (10) of devices interconnected for the communication of messages via a first data bus (18) and in accordance with a first set of communication protocols, a second cluster (20) interconnected via a second data bus (28) and following the first set of communication protocols; and a data channel (41) linking a device (19) of the first cluster (10) and a device (29) of the second cluster (20). The data channel (41) suitably comprises an RF link supporting communication of messages in accordance with a second set of communications protocols. A device (19) of the first cluster (10) holds a stored software representation of operational features of a selected device (DVHS-2) of the second cluster (20) and any device (11) of the first cluster wishing to interact with said selected device (DVHS-2; 22) instead interacts with said stored representation.

WO 01/19032 A1



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.