



(51) International Patent Classification:

<i>H04R</i> 29/00 (2006.01)	<i>G08B</i> 25/01 (2006.01)
<i>H04R</i> 27/00 (2006.01)	<i>G08B</i> 29/06 (2006.01)
<i>H04R</i> 3/00 (2006.01)	<i>H04L</i> 12/28 (2006.01)
<i>G08B</i> 1/08 (2006.01)	<i>G06F</i> 1/16 (2006.01)
<i>G08B</i> 3/10 (2006.01)	<i>G08B</i> 25/00 (2006.01)

(21) International Application Number:

PCT/NL2012/050189

(22) International Filing Date:

26 March 2012 (26.03.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2006468	25 March 2011 (25.03.2011)	NL
2006494	30 March 2011 (30.03.2011)	NL

(71) Applicant (for all designated States except US): **ASTREA INTELLECTUEEL EIGENDOMSRECHT B.V.** [NL/NL]; Nipkowweg 5-II, NL-8501 XH Joure (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **JONKMAN, Willem-Jan Johannes** [NL/NL]; Nipkowweg 5 -II, NL-8501 XH Joure (NL).

(74) Agent: **GROOT KOERKAMP, Jasper Henri**; Postbus 75683, NL-1070 AR Amsterdam (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: ISOLATOR DEVICE FOR PASSING THROUGH A SIGNAL

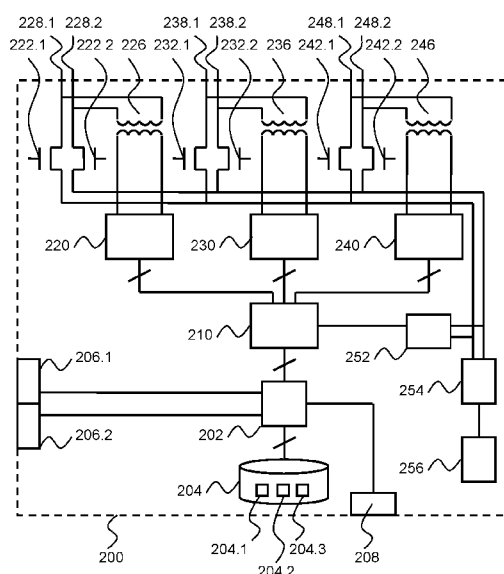


Fig. 2

(57) Abstract: Isolator devices for a class A evacuation system are provided. The isolators each have specific address in the system. This allows the isolators to report individually with address information and status information, for example related to errors in the system and the device in particular. In an embodiment, a speaker can be connected to the device. This allows the speaker to be addressed individually so dedicated information like alarms and spoken messages can be sent to specific speakers. Dedicated isolators are available for announcing, powering the network and routing network traffic. Routers provide a possibility to create multiple loops, reducing wiring and increasing redundancy. By sending data in different branches by means of spread spectrum modulation, more data can be sent and effects of cross-talk between branches is highly reduced.

Published:

- *without international search report and to be republished
upon receipt of that report (Rule 48.2(g))*