

AMENDED STATEMENT OF GROUNDS FOR AMENDMENT OF THE PATENT PURSUANT
TO THE ORDER OF CARR J DATED 16 APRIL 2019

Annex 1 – Unconditionally Amended Claims

1. Use of a communication system (1), the communication system (1) comprising a cable transmission network (3) with several terminal connecting points (6) provided with high-frequency transmission and/or receiving means (10), in which the cable transmission network (3) furthermore comprises signal processing means for processing high-frequency signals that can be transported via the cable transmission network (3), wherein the signal processing means comprise prevention means for at least partially preventing the generation of intermodulation products in the signal processing means, wherein said prevention means are provided with a pre-connected filter comprising a high-pass filter (20) for stopping voltage peaks through reflection of the energy contained in the energy peaks, characterized in that the prevention means is used for the purpose of at least partially preventing the generation of intermodulation products in the signal processing means, and wherein the high-pass filter (20) comprises an LC-filter including at least one coil (26) and at least one capacitor (28)
2. A use according to claim 1, wherein the capacitor (28) is a high-voltage capacitor.
3. A use according to claim 2, wherein the high-voltage capacitor (28) has a relatively low temperature coefficient.
4. A use according to any one of the preceding claims 1 through 3, wherein the signal processing means comprise a splitter and/or an insulator and/or an amplifier and/or a tap and/or a wall connection and/or a repeater and/or a router and/or a switch and/or a gateway and/or a multiplexer and/or a demultiplexer.
5. A use according to any one of the preceding claims 1 through 4, wherein the cable transmission network (3) is arranged as a central receiving system, for example for radio and/or television signals.
6. A use according to any one of the preceding claims 1 through 5, wherein the cable transmission network (3) comprises a bidirectional network.

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7. Use of signal processing means in a use of a communication system (1) according to any one of the preceding claims 1 through 6, wherein the signal processing means comprise prevention means for at least partially preventing the generation of intermodulation products in the signal processing means, wherein said prevention means are provided with a pre-connected filter comprising a high-pass filter (20) for stopping voltage peaks through reflection of the energy contained in the energy peaks, characterized in that the prevention means is used for the purpose of at least partially preventing the generation of intermodulation products in the signal processing means.

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Annex 2 – Conditionally Amended Claims

1. Use of a communication system (1), the communication system (1) comprising a cable transmission network (3) with several terminal connecting points (6) provided with high-frequency transmission and/or receiving means (10), in which the cable transmission network (3) furthermore comprises signal processing means for processing high-frequency signals that can be transported via the cable transmission network (3), wherein the signal processing means comprise prevention means for at least partially preventing the generation of intermodulation products in the signal processing means, wherein said prevention means are provided with a pre-connected filter comprising a high-pass filter (20) for stopping voltage peaks through reflection of the energy contained in the energy peaks, characterized in that the prevention means is used for the purpose of at least partially preventing the generation of intermodulation products in the signal processing means, and wherein the high-pass filter (20) comprises an LC-filter including at least one coil (26) and at least one capacitor (28), and wherein the LC-filter comprises two 1nF capacitors and a 3.3μH coil.
2. Use of signal processing means in a use of a communication system (1) according to claim 1, wherein the signal processing means comprise prevention means for at least partially preventing the generation of intermodulation products in the signal processing means, wherein said prevention means are provided with a pre-connected filter comprising a high-pass filter (20) for stopping voltage peaks through reflection of the energy contained in the energy peaks, characterized in that the prevention means is used for the purpose of at least partially preventing the generation of intermodulation products in the signal processing means.