

Title (en)

METHOD AND APPARATUS FOR USING RF DETECTOR AND DELAY CIRCUIT TO REDUCE NOISE BUILDUP IN RF RETURN SYSTEMS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERWENDUNG VON EINEM RF-DETEKTOR UND EINER VERZÖGERUNGSSCHALTUNG ZUR STÖRUNGSVERMINDERUNG IN RF-RÜCKSYSTEMEN

Title (fr)

PROCEDE ET APPAREIL UTILISANT UN DETECTEUR RF ET UN CIRCUIT DE RETARD POUR REDUIRE L'ACCUMULATION DE BRUIT DANS LES SYSTEMES DE RETOUR RF

Publication

**EP 1173976 A1 20020123 (EN)**

Application

**EP 00920071 A 20000403**

Priority

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- US 29129099 A 19990414

Abstract (en)

[origin: WO0062545A1] This method and apparatus minimizes noise buildup in a wireless or wireline RF return system of a cable television system through which set-top terminals communicate with the cable system headend. An RF detector detects the signal from the set-top terminal to the headend. The RF detector, through a delay circuit, closes an RF switch or turns on a transverter allowing the signal from the set-top terminal to be communicated to the RF return system. The delay circuit prevents the link between the set-top terminal and the return system from being broken for a predetermined period of time after the RF detector stops detecting a signal from the set-top terminal. This prevents delays in transmitting signals, particularly time division multiplexed signals.

IPC 1-7

**H04N 7/10**; **H04N 7/173**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 0062545A1

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