

ABSTRACT**System and method for amplifying a signal**

- 5 Amplification system, connected to a modem delivering a signal to be amplified, said system having at least one amplification device, at least one first determination device for determination of a first difference and at least one second determination device for determination of a variable gain. Moreover, the system is characterized in that the second determination device
- 10 is capable of the determination of said variable gain on the basis of said signal to be amplified, said amplified signal and said first difference.

Reference: Figure 2