

Title (en)

METHOD AND APPARATUS FOR ISOLATING A COMPUTER SYSTEM UPON DETECTION OF VIRUSES AND SIMILAR DATA

Title (de)

VERFAHREN UND GERÄT UM EIN RECHNERSYSTEM ZU ISOLIEREN, SOBALD EIN VIRUS ODER ÄHNLICHE DATEN FESTGESTELLT WURDEN

Title (fr)

PROCEDE ET APPAREIL PERMETTANT D'ISOLER UN SYSTEME INFORMATIQUE APRES DETECTION DE VIRUS ET DE DONNEES SEMBLABLES

Publication

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Application

**EP 98963862 A 19981211**

Priority

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Abstract (en)

[origin: WO0036515A1] An apparatus (10) for isolating a data receiving entity (30) from a data sending entity (20) includes a first data channel (22), coupled to the data sending entity, and a second data channel (32), coupled to the data receiving entity. A processor (30) is programmed to compare a plurality of data words received from the first data channel to at least one data word characteristic of a data virus and to assert a control signal when a data word received from the first data channel corresponds to a data word characteristic of a data virus. An optical isolator (14) is capable of isolating the first data channel from the second data channel when the processor detects a data virus. A controllable power supply (54) is responsive to the control signal (42) from the processor and coupled to the optical isolator, which provides power to the optical isolator only when the control signal from the processor is not asserted.

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