Title (en)
METHOD AND APPARATUS FOR TERMINATION DETECTION IN AN ADSL ENVIRONMENT

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ABSCHLUSSERKENNUNG IN EINER ADSL UMGEBUNG

Title (fr)
PROCEDE ET APPAREIL DE DETECTION DES RACCORDEMENTS DANS UN ENVIRONNEMENT ADSL

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EP 1260085 A2 20021127 (EN)

Application
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Abstract (en)
[origin: WO0163893A2] A method and apparatus that will detect the presence of terminations in an ADSL environment is presented. The presently disclosed method and apparatus applies a slowly ramped voltage to the subscriber loop while measuring the current flow. The ramped voltage is able to pass through the inductors. The rate of current flow is discernible as the zener diodes of the Half Ringer, the Premises Splitter, and any Electronic Ringer start to conduct. Thus the detection in time (voltage) of devices that may be on the line under test is achieved. By analysis of a graph of the current in the line as the ramped voltage is applied, changes in the graph provide an indication that a termination is present. The location of the change in current with respect to the applied voltage provides an indication of the type of termination detected.

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WO 0163893 A2 20010830; **WO 0163893 A3 20020718**; AR 033511 A1 20031226; AU 3463701 A 20010903; BR 0108936 A 20031209; CA 2401054 A1 20010830; EP 1260085 A2 20021127; JP 2003524343 A 20030812; TW 498674 B 20020811

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