Title (en)

SYSTEMS AND METHODS FOR ELECTRONICALLY MANAGING DSL TELECOMMUNICATIONS CONNECTIONS

Title (de)

SYSTEME UND VERFAHREN ZUR ELEKTRONISCHEN VERWALTUNG VON DSL-FERNMELDEVERBINDUNGEN

Title (fr)

SYSTEMES ET PROCEDES POUR LA GESTION ELECTRONIQUE DE CONNEXIONS DE TELECOMMUNICATIONS ENTRE LIGNES D'ABONNES

Publication

EP 1277353 A2 20030122 (EN)

Application

EP 00986369 A 20001214

Priority

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Abstract (en)

[origin: WO0145452A2] Electronically establishing communication line cross-connections involves providing a controllable matrix of relays and a plurality of filters. A composite signal comprising low and high frequency components is received at the relay matrix, which is controlled to direct the composite signal to a particular filter. A filtered low frequency component is provided at a particular filer output. The relay matrix is controlled to direct at least the high frequency component to a relay matrix output. The low frequency component of the composite signal may comprise a voice band signal and the high frequency component of the composite signal may comprise a data signal. The relay matrix may be controlled locally or remotely. The relay matrix may be controlled to significantly reduce the number of inactive connections established between digital access multiplexers and a main distribution frame or voice switch.

IPC 1-7

H04Q 1/14

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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