

Title (en)

METHOD AND CIRCUIT FOR CREATING DATA SIGNAL LINKS

Title (de)

VERFAHREN UND SCHALTUNGSANORDNUNG ZUR HERSTELLUNG VON DATENSIGNALVERBINDUNGEN

Title (fr)

PROCEDE ET CIRCUIT POUR CREER DES LIAISONS DE SIGNAUX DE DONNEES

Publication

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Application

EP 99942736 A 19990701

Priority

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Abstract (en)

[origin: WO0004692A2] The invention relates to a method and a circuit for creating data signal links between data terminals (PC1 to PCn) connected to a circuit-switching circuit-switching device (LV) or between said data terminals and a data network (NET), especially the Internet data network, connected to the circuit-switching device (LV). The aim of the invention is to optimize the use of the transmission capacity available when the volume of traffic at the level of the circuit-switching device (LV) is lower than a first threshold (V1). To this end the invention provides for an additional transmission capacity to be made available in addition to the transmission capacity available for normal connections. If traffic volume exceeds the first threshold (V1) no additional transmission capacity is made available for new data signal links. If traffic volumes are below a second threshold (V2), which possibly corresponds to the first threshold (V1), the additional transmission capacity is again made available for new data signal links. If traffic volume exceeds a third threshold (V3) which is above, between or below the first and second thresholds (V1, V2) the additional transmission capacity of at least some existing links is made available in addition to the measure taken when the first threshold (V1) is exceeded.

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