

Title (en)

METHOD AND SYSTEM FOR CONTROLLING AND BILLING PEER TO PEER SERVICES IN AN IP-BASED COMMUNICATIONS NETWORK

Title (de)

VERFAHREN UND ANORDNUNG ZUR KONTROLLE UND VERGEBÜHRUNG VON PEER TO PEER-DIENSTEN IN EINEM IP-BASIERTEM KOMMUNIKATIONSNETZWERK

Title (fr)

PROCEDE ET SYSTEME POUR CONTROLER ET FACTURER DES SERVICES D'EGAL A EGAL (P2P) DANS UN RESEAU DE COMMUNICATION IP

Publication

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Application

**EP 06777812 A 20060717**

Priority

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Abstract (en)

[origin: WO2007017345A1] The aim of the invention is to configure a method and a system, which permit P2P services in an IP-based communications network and also permit direct IP-traffic between subscribers in a controlled manner solely for specific P2P applications that are predetermined by the system provider. Other aims are to provide options for carrying out a special billing method for subscribers of P2P services and to enable the detection of the termination of a P2P session of a subscriber in order to withdraw the authorisation for the corresponding P2P service in the network of the system provider. Said aims are achieved by software comprising logic P2P service-specific communication channels (V) in the terminals (C1, C2), each terminal (C1, C2) communicating with an index server (IS) prior to establishing direct logic communication connections (V) to other terminals (C1, C2) in the communications system. The index server (IS) then carries out a P2P service-specific access check for each terminal (C1, C2) in conjunction with the billing and access check control function (CRF).

IPC 8 full level

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