

Title (en)
A DATA PROCESSING SYSTEM FOR USE IN COMMUNICATIONS PRICING AND CHARGING EQUIPMENT AND A PRODUCTION PROCESS THEREFOR

Title (de)
DATENVERARBEITUNGSSYSTEM UND VERFAHREN FÜR EINRICHTUNGEN ZUR PREISANGABE UND VERRECHNEN VON KOMMUNIKATIONSGEBÜHREN

Title (fr)
SYSTEME DE TRAITEMENT DE DONNEES UTILISE DANS DES INSTALLATIONS DESTINEES A ETABLIR LE PRIX DES COMMUNICATIONS ET A TAXER CELLES-CI ET SON PROCEDE DE PRODUCTION

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Abstract (en)
[origin: WO9527255A1] It is important, as the communications environment grows increasingly complex, that it is possible to convert chargeable events into billable values in a flexible manner. In particular, it is important that the pricing and charging arrangements available to network operators or service providers can take account of factors such as taxes which affect the billable value and which may be put in place in many different ways and at variable times in relation to data processing exercises which need to be carried out. A system is therefore provided which can be used in generating bills by applying modifying factors which can be changed or added to in a relatively easy manner. A preferred version of the invention provides an object-oriented front end for a legacy system, which front end can be used in design and subsequently embedded. Programs developed in an object oriented environment are converted into instructions implementable by a procedurally based processing device. An activity hierarchy of functions is created for each object, a data subject area is created for each object and a main calling program specifies the relationship between the programs and data areas so as to retain the encapsulation of the original object oriented definition. This aspect of the invention is particularly useful for developing new systems in an object oriented environment which may then be embedded into existing procedurally based systems.

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