

Title (en)

METHOD FOR DEFINING THE CODING FOR USEFUL INFORMATION GENERATED ACCORDING TO DIFFERENT CODING LAWS BETWEEN AT LEAST TWO SUBSCRIBER TERMINALS

Title (de)

VERFAHREN ZUR FESTLEGUNG DER CODIERUNG BEI NACH UNTERSCHIEDLICHEN CODIERUNGSGESETZEN ERZEUGTEN NUTZINFORMATIONEN ZWISCHEN WENIGSTENS 2 TEILNEHMERENDEINRICHTUNGEN

Title (fr)

PROCEDE POUR FIXER LE CODAGE D'INFORMATIONS UTILES PRODUITES SELON DIFFERENTES LOIS DE CODAGE ENTRE AU MOINS DEUX TERMINAUX D'ABONNES

Publication

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Application

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Abstract (en)

[origin: WO02065787A1] When TDM links are switched from the original TDM network to the destination (e.g. VoIP) via a data network acting as a backbone (ATM or IP), the transitions between the TDM network and the data network are made via media gateways. As for pure TDM-links, the coding laws of sides A and B have to be identical. The coding in TDM is defined according to A-Law (PCM30 networks) and mu -Law (PCM24-networks). The coding law must be modified in the transition from an A-Law to an mu -Law network. In the TDM world, the conversion rule is such that in said transition, the mu -Law side converts to A-Law. This was caused by the fact that only a very small number of TDM networks use the mu -Law coding. In the currently arising ATM and IP transfer networks this necessity no longer exists. The invention determines that transcoding can occur in both types of networks. The inventive solution is always to carry out said transcoding in the destination network, taking into account the result of the codec negotiation procedure (if used), i.e. transcoding occurs only for selected G.711 codecs.

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