

Title (en)

METHOD FOR THE RAPID SYNCHRONISATION OF A DEVICE FOR RECEIVING SCRAMBLED DATA, USING AN OPTIMISED CALCULATION OF A SYNCHRONISATION VALUE

Title (de)

VERFAHREN ZUR SCHNELLEN SYNCHRONISATION EINER VORRICHTUNG ZUM EMPFANG VON VESCHLÜSSELTEN DATEN UNTER VERWENDUNG EINER OPTIMISIERTEN BERECHNUNG EINES SYNCHRONISIERUNGSWERTES

Title (fr)

PROCEDE DE SYNCHRONISATION RAPIDE D'UN DISPOSITIF DE RECEPTION DE DONNEES BROUILLEES AU MOYEN D'UN CALCUL OPTIMISE D'UNE VALEUR DE SYNCHRONISATION

Publication

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Application

EP 05739488 A 20050310

Priority

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Abstract (en)

[origin: WO2005107091A1] The invention relates to a method of synchronising a device for receiving scrambled data, using at least one periodic scrambling sequence which is divided into K time intervals (20, 22), each interval comprising N bit periods (21) known as symbols. In particular, one such method comprises a step consisting in calculating a synchronisation value of at least one polynomial that generates the aforementioned scrambling sequence within a pre-determined synchronisation time interval and synchronisation bit period. The invention is advantageously characterised in that, during the calculation step, the sequence is progressed through at increments of at least one time interval and at least one bit period, using a matrix calculation of the synchronisation value.

IPC 8 full level

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CPC (source: EP US)

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