

Title (en)

METHOD AND DEVICE FOR GENERATING OVSF CODE WORDS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG VON OVSF-CODEWORTEN

Title (fr)

PROCEDE ET DISPOSITIF POUR GENERER DES MOTS DE CODES OVSF

Publication

EP 1252734 A1 20021030 (DE)

Application

EP 01900474 A 20010122

Priority

- DE 10004873 A 20000204
- EP 0100668 W 20010122

Abstract (en)

[origin: WO0158070A1] A code word generator for OVSF codes, comprising an intermediate memory device (16) which is used to input a calculation index as a binary calculation index data word, a calculation device (17) which permutes the significant data bits of the calculation index data word bit-by-bit so that a calculation basis (B) can be generated, a counter (21) for producing a counting variable (Z) and provided with a logic circuit comprising several AND gates for bit-by-bit linkage of the counting variables (Z) generated with the calculation basis (B) in order to form a linking data word and several XOR gates for logical reduction of the linking data word to form code word data bits of the OVSF code word.

IPC 1-7

H04J 11/00

IPC 8 full level

H04J 11/00 (2006.01); **H04B 1/707** (2011.01)

CPC (source: EP US)

H04J 13/0044 (2013.01 - EP US); **H04J 13/12** (2013.01 - EP US); **H04B 2201/70703** (2013.01 - EP US)

Citation (search report)

See references of WO 0158070A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0158070 A1 20010809; CN 1288863 C 20061206; CN 1397121 A 20030212; DE 10004873 A1 20010823; EP 1252734 A1 20021030; JP 2003522473 A 20030722; US 2003105532 A1 20030605; US 6646579 B2 20031111

DOCDB simple family (application)

EP 0100668 W 20010122; CN 01804256 A 20010122; DE 10004873 A 20000204; EP 01900474 A 20010122; JP 2001557213 A 20010122; US 20306702 A 20020923