

Title (en)

BLIND TRANSPORT FORMAT DETECTION USING SOFT DECISION MONITORING

Title (de)

BLINDE TRANSPORTFORMATDETEKTION MITTELS ÜBERWACHUNG VON WEICHENTSCHEIDUNGEN

Title (fr)

DETECTION D'UN FORMAT DE TRANSPORT INCONNU PAR CONTROLE DE DECISIONS SOUPLES

Publication

**EP 1435147 A1 20040707 (EN)**

Application

**EP 02765105 A 20021009**

Priority

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- GB 0124238 A 20011009

Abstract (en)

[origin: GB2380909A] A device for receiving multiplexed data signals (eg. TDMA data frames) can identify which channel or format the data originates from via detection of a change of power level of the signal. A power monitor continually monitors the magnitude of soft decisions in the data over the course of a data frame. A change in power level of greater than a given threshold value can be taken to represent a switch to a different data channel or format, so that several time slots from different channels can be present in one frame. A cyclic redundancy check (CRC) can be used to ensure that each frame is correctly synchronised.

IPC 1-7

**H04L 1/00**

IPC 8 full level

**H04L 1/00** (2006.01); **H04B 7/26** (2006.01)

CPC (source: EP)

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