

METHOD AND DEVICE FOR ALLOCATING CHANNELS**ABSTRACT**

The invention relates to a method and device allowing communication channels to be allocated to a plurality of users in a network, including at least
5 the following steps:

- a) defining a first allocation set composed of the following triplets (channel number, slot number, user attributed to a channel for a given slot) representing the allocation of C communication channels, to the N users, in a time session composed of a plurality of time slots, while respecting
10 $C = \sqrt{N}$ and C= cardinal of a finite field,
- b) generating, from the first channel allocation matrix, C other matrices, said C allocation matrices being generated using a function in order that each user sees the other users at least once during the session.

15 Figure 1 to be published