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(54) Title: SUBTRACTIVE MULTICARRIER CDMA ACCESS METHODS AND SYSTEMS

MULTICARRIER (8 FREQUENCIES) X 8-TIMESLOT TDMA FORMAT

f1	USER 1	USER 2							
f2	1	2							
f3	1	2							
f4	1	2							
f5	1	2							
f6	1	2							
f7	1	2							
f8	1	2							

(57) Abstract

Apparatuses and methods for practising subtractive multi-carrier CDMA techniques are disclosed. A channel is divided into a plurality of contiguous subchannels, wherein in each subchannel an amount of spreading is reduced in accordance with the number of subchannels. The channel can be divided into a plurality of time slots and a fraction of the total number of conversations sharing the channel can be allocated to each time slot. A radio communications device, using such a method, can employ one time slots for transmission and another time slot for reception.