

INFORMATION COMMUNICATION SYSTEM

ABSTRACT

There is disclosed an apparatus (10) for transmitting a communication signal across
5 one or more pre-existing frequency channels or bands that carry a transmission
signal. The apparatus comprises a memory for storing at least one pre-existing
frequency channel or band together with information relating to a strength of the
transmission signal carried by the at least one pre-existing frequency channel or
band. A controller (24) is configured to generate a communication signal to be
10 transmitted across at least one of the pre-existing frequency channels or bands at a
strength sufficient to over-broadcast the transmission signal carried by said pre-
existing channel or band. A mixer (26) is configured to receive each of the
communication signals generated by the controller (24) and to combine said
communication signals into a combined mixed communication signal (15). A
15 transmitter (16) for transmitting the combined mixed communication signal (15) to
be transmitted across the at least one pre-existing frequency channels or bands in
replacement of, or in addition to, the transmission signal carried by the at least one
pre-existing frequency channel.

20 (FIG. 1)