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With international search report.

## (54) Title: CONTROL CHANNEL SYNCHRONIZATION BETWEEN DBC AND CELLULAR NETWORKS

## (57) Abstract

A downbanded Cellular network (DBC) is provided to supplement an adjacent or coincident standard Cellular network. The control channels used by the DBC and standard Cellular network are synchronized to ensure proper hand-off between the DBC network and the standard network. Synchronization is achieved by monitoring the separation in time between timing pulses transmitted by the DBC network and the standard Cellular network.

