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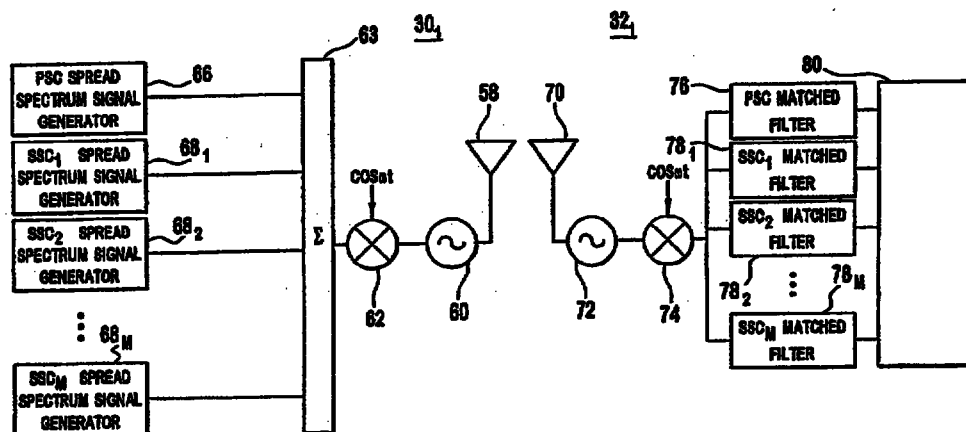
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(54) Title: CELL SEARCH PROCEDURE FOR TIME DIVISION DUPLEX COMMUNICATION SYSTEMS USING CODE DIVISION MULTIPLE ACCESS



(57) Abstract: A base station sends a synchronization signal in an assigned time slot to a user equipment in a time division duplex code division multiple access communication system. The base station has an assigned code group out of a predetermined number of code groups. The base station transmits selected secondary synchronization code signals out of a set of secondary synchronization code signals. The plurality of secondary synchronization code signals numbers less than half of the predetermined number of code groups. The user equipment identifies the transmitted selected secondary code signals. Based on in part the identified secondary synchronization code signals, the assigned code group is determined.

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