

**SELECTIVE CALL RECEIVERS FOR RECEIVING SIGNALS
IN SYNCHRONOUS COMMUNICATION SYSTEMS**

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Abstract of the Disclosure

10 A selective call receiver (9) with a receiver (10), a baud rate detector
(12) and a controller (13). Upon synchronizing to a signal transmitted on a
channel, controller (13) controls a synchronization codeword detector (17)
for searching to detect synchronization codewords in the signal. Upon
lapse of a search window during which the signal is not received by
15 receiver (10) and prior to operating selective call receiver (9) in an
asynchronous mode, controller (13) determines a baud rate detect interval
to baud rate detect other channels. The baud rate detect interval is based
on duration of mandatory portions of the signal and a maximum duration of
the search window for operating selective call receiver (9) in a
20 synchronous mode. Any of these other channels which have been baud
rate detected are then sampled by synchronization codeword detector (17)
to try to regain synchronization.

FIG. 2 accompanies this abstract.