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**Dogan**

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(54) **TRAINING SEQUENCE WITH A RANDOM DELAY FOR A RADIO COMMUNICATIONS SYSTEM**

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(57) **ABSTRACT**

A method and apparatus are provided that allows a delay to be chosen to be applied to a user terminal. According to one aspect of the present invention, the invention includes receiving a downlink broadcast burst from a base station, determining timing for an uplink burst from the received broadcast burst, selecting an amount of delay for the uplink burst, and transmitting an uplink burst to the base station using the determined timing and the selected amount of delay.

**22 Claims, 7 Drawing Sheets**

