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(54) **APPARATUS AND METHOD FOR A LOW-RATE DATA TRANSMISSION MODE OVER A POWER LINE**

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See application file for complete search history.

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(57) **ABSTRACT**

In one embodiment, a system and method for receiving information over a power line in accordance with the HomePlug specification is described. The receiver side of the method involves separation of the data within a payload of an incoming frame into a plurality of blocks. Thereafter, both frame control symbols and data within the blocks are processed by Frame Control Forward Error Correction (FEC) decoding logic.

**25 Claims, 7 Drawing Sheets**

