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- (71) **Applicant:** REACTIVE TECHNOLOGIES LIMITED [GB/GB]; 9400 Garsington Road, Oxford Business Park, Oxford Oxfordshire OX4 2HN (GB).
- (72) **Inventors:** VENTOLA, Mika; Kaurastie 4, FI-90800 Oulu (FI). LINNA, Timo; Palstatie 24, FI-90420 Oulu (FI). LEINONEN, Paavo; Riekonmarjatie 2, FI-90800 Oulu (FI).
- (74) **Agent:** EIP; Fairfax House, 15 Fulwood Place, London Greater London WC1V 6HU (GB).
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(54) **Title:** BROADCAST CHANNEL TESTING

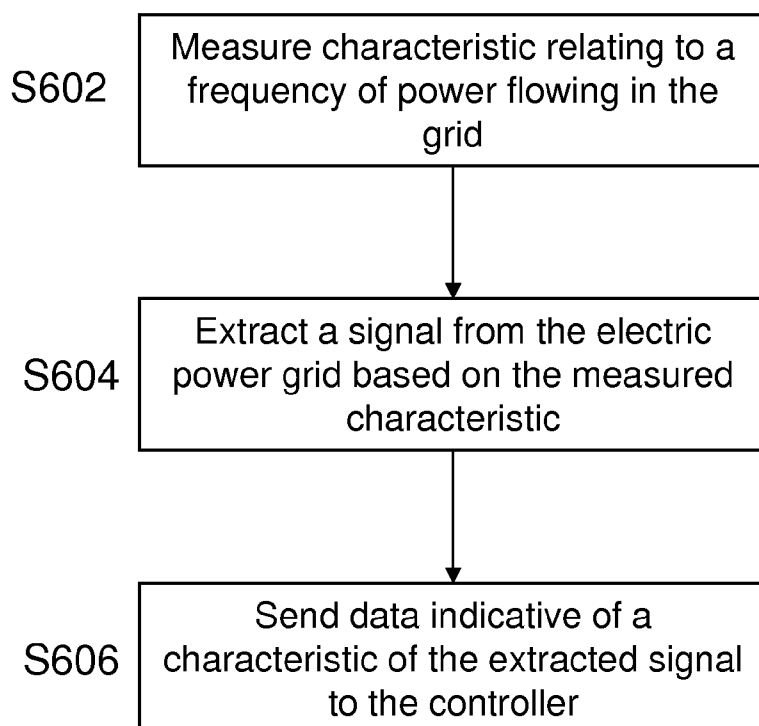


Figure 6

(57) **Abstract:** Methods and apparatus for testing a broadcast channel in which information is transmitted within a synchronous area of an electric power grid are described. A characteristic relating to a frequency of power flowing in the electric power grid is measured at a testing device and a signal based on a frequency modulation of the grid frequency is extracted from the electric power grid. Data indicative of a characteristic of the signal is then sent for receipt at a control node via a second channel different to the broadcast channel. This enables testing of the broadcast channel.

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