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(71) Applicant (for all designated States except US): **AMP-CONTROL PTY LTD** [AU/AU]; 21 Old Punt Road, Tomago, NSW 2322 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WYLIE, Timothy Andrew** [AU/AU]; 139 Regent Street, New Lambton, NSW 2305 (AU). **WEBSTER, Ian** [AU/AU]; 36 Haynes Avenue, Eleebana, NSW 2282 (AU). **STEPIEN, Peter** [AU/AU]; 7 Libra Close, Elernmore Vale, NSW 2287 (AU).

(74) Agent: **WALSH, John Richard**; Walsh & Associates, Australia & New Zealand Patent and Trade Mark Attorneys, Locked Bag 2011, Glebe Post Office, Glebe Sydney, NSW 2037 (AU).

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(54) Title: METHOD FOR DETECTION OF LEAKAGE OR FAULT CURRENTS FROM EQUIPMENT IN AN ELECTRICAL POWER SYSTEM

(57) Abstract: A method of digital sampling of a current or group of currents in an electrical system including using in said sampling, sufficient bandwidth to reconstruct the amplitude and phase of a synthesised power frequency and its harmonics and a fundamental carrier frequency of switching electronics and modulation sidebands.

