



July 30, 2003

ZERO GROUND

Mark Panko - V.P. Sales
3392 Hillside Ct.
Woodridge, IL 60517-1438

Dear Mark:

After reviewing the information from the Zero Ground United States Patent Application claims and attending your very informative presentation on your cabling system here in New Berlin, ABB Inc. Automation Technologies Division, Drives and Motors is confident making the following statements:

ABB believes Zero Ground's cabling system will perform for it's intended purpose with ABB's IGBT based variable frequency AC drive products in conjunction with motors, motor cables, as well as PE ground grids, and rapid rise pulse phenomenon. ABB believes that Zero Ground's cabling system, when properly installed, will be an effective means of reducing ground currents.

ABB believes Zero Ground's cabling system is compatible with, and will compliment ABB AC drive installation and retrofits with no negative effects. Zero Ground should be able to be used in applications where three phase and single phase are utilized, where EMI/RFI problems are a concern and applications where AC motor bearing currents could cause premature bearing failures. Potential candidates for Zero Ground systems might include magnetic detectors sensing nuisance alarms, situations utilizing ultrasonic transducers detecting inaccurate information from liquid flow in piping systems. Applications for retrofit include dairy farms, clean rooms/HVAC, hospitals (i.e.: surgery, intensive care), marinas and other installations where leakage currents are unacceptable. For new installations, applications might include mines, water filtration/waste water treatment facilities, farms (animal/crop), pulp and paper mills, glass, electroplating, surface and subsurface marine vessels and clean room applications. ABB Inc. believes there may be numerous additional potential applications for this cabling system.

ABB Inc. Drives and Motors looks forward to working with Zero Ground in eliminating nuisance and safety related ground currents on actual applications as they occur in the real world.

Mark, ABB understands Zero Ground is working with the United States Mining Safety and Health Administration (MSHA) and Underwriters Laboratories (UL). If you have questions, please contact me.

Sincerely,

Chuck Hollis
Director of National Accounts

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ABB Inc.