

PROTECTING AGAINST TRANSIENTS IN A COMMUNICATION SYSTEM

ABSTRACT

A system is disclosed for transmitting alternating current power and communication signals between a first location and a second location via a communication path which includes at least one inductive load (5) and at least one switching means (13) for switching power to said at least one load on and off. Control means (14) is adapted for controlling said at least one switching means so that, if said power is switched on during a particular phase of the power, it is switched off during the opposite phase of the power and if said power is switched off during a particular phase of the power, it is switched on during the opposite phase of the power.

Figure 1