

ABSTRACT OF THE DISCLOSURE

SELF-LUBRICATING ENAMELED WIRE

100 parts by weight of a polyamide-imide resin, 1 to 5 parts by weight of a lubricant, 1 to 200 parts by weight of a masking agent-stabilized isocyanate, and 1 to 30 parts by weight of a silane coupling agent are dissolved or dispersed in a solvent to prepare a coating composition. The coating composition is then coated directly or through other insulator on the circumference of a conductor, and the coating is then baked to form a lubricating layer. Thus, a self-lubricating enameled wire is prepared which has excellent lubricity, abrasion resistance, and adhesion to varnish as a treating agent.

(Figure 1)