

A power cable may be used in electric mains to distribute electric energy and to transmit electric signals in stationary installations of 1 kV (inc.) and up to 100 Hz frequency of atomic power plants and other objects. The cable is different from known ones by conductors' insulation that made of fireproof material, above which polymeric composition (polyvinylchlorid, composite ether plasticizer, chlorinated paraffin wax, diphenylolpropane, butyl tin maleate, filling material - fire retardant, calcium stearate, and antimony trioxide) is laid.