

[54] **METHOD OF MAKING PAPER-INSULATED ELECTRICAL CONDUCTOR**

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[57] **ABSTRACT**

Interposed between the conductor and the helical or longitudinal wrapping of paper insulation is a layer of selfsetting, heat sealable emulsion having adhesive properties and which is inert, water soluble and free of metal. The emulsion is absorbed by the innermost lay of the paper and causes it to adhere to the next outer paper lay, while the outer portion of the paper which is not exposed to the saturated portion remains loosely formed around the conductor. Upon drying of the paper insulation, the solid portion of the emulsion remains as a film on the periphery of the conductor and the innermost surface of the paper.

**3 Claims, 2 Drawing Figures**

