

# ALIEN PROPERTY CUSTODIAN

## METHOD FOR SQUIRTING ARTIFICIAL SUBSTANCES ONTO WIRES, TUBES, INSULATED CONDUCTORS, CABLES AND OTHER SHAPES

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The invention relates to a method for squirting artificial substances onto wires, tubes, insulated conductors, cables and other shapes. In this connection polymers or mixed polymers containing vinyl chloride, acrylic acid and butadiene with or without softening means are particularly employed for the production of protective or insulating coatings.

The method hitherto known for producing protective coatings presents the great drawback that a more rapid cooling of the coating applied in a hot state takes place in the adjacent portion of the protective coating owing to the dissipation of heat at the contact point between the protective coating to be applied and the squirted body, whereby internal stresses, even small cracks are caused in the surface of the coating in direct contact with the body to be squirted so that the mechanical and electrical properties as well as

the life of the coating are considerably impaired. This drawback is removed according to the invention by heating the body to be squirted—before applying the protective coating thereto—to the same or substantially the same temperature as the artificial substance to be applied in a hot state. By the method according to the invention a greater mechanical and electrical strength as well as a longer life of the protective or insulating coating is attained. Tests have shown that, for instance, when manufacturing a copper or aluminum conductor to be squirted with polyvinyl chloride or a mixed polymer containing vinyl chloride a better result is obtained if the conductors are preheated to the temperature of the substance to be applied before the same enter the squirting machine.

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