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(54) Title: METHOD FOR ANTISEPTIC PROCESSING OF THE SURFACE OF A PRODUCT MADE OF SILICONE RUBBER MATERIALS

(57) Abstract: The invention concerns a method for antiseptic processing of the surface of a product made of organosilicon rubbers with molecular weight $2 \cdot 10^5$ - $6 \cdot 10^5$, said method consisting in a two stages formation of an antiseptic coating on said surface of said product: (a) at a first stage said surface is modified by treatment in low-temperature oxygen plasma at high-frequency electromagnetic radiation; and (b) at a second stage the modified surface is processed applying on it an antiseptic preparation containing: a biocide, which is a nanodispersed powder of bentonite intercalated by ions of silver or/and copper; a fluoroacrylic polymeric binding agent, wherein said binding agent is dissolved in a mixture of fluoroalkylethers. The method provides the formation of a coating having effective antiseptic and operational properties especially when the coating is applied on the surface of small orthopedic devices such as foot-correctors, insoles, heel pads, etc..

