

Title (en)
METHOD OF FORMING A MEMBRANE, ESPECIALLY A LATEX OR POLYMER MEMBRANE, INCLUDING MULTIPLE DISCRETE LAYERS

Title (de)
METHODE ZUR FORMUNG EINER MEMBRANE MIT MEHREREN DISKRETEN SCHICHTEN INSBESONDERE EINE LATEX- ODER POLYMERMEMBRAN

Title (fr)
PROCEDE PERMETTANT DE FORMER UNE MEMBRANE, EN PARTICULIER UNE MEMBRANE EN LATEX OU EN POLYMER, COMPORTANT PLUSIEURS COUCHES DISTINCTES

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Application
EP 97913802 A 19971020

Priority
US 9719445 W 19971020

Abstract (en)
[origin: WO9920203A2] Single and multiple layer membranes such as gloves and condoms include one or more deactivating barrier layers and/or indicating layers to indicate to a user membrane breach or the presence of a harmful substance in blood or body fluids. A membrane may include one or more permeable or semipermeable layers to disperse contained substances such as lubricants, biocides, spermicides, or indicators outwardly, and may also include permeable or semipermeable layers to allow transmission of body fluids or other environmental fluids inwardly into contact with an indicating or treating substance. An intermediate layer of a multi-layer membrane may include a substance to wipe, cleanse, sterilize, or otherwise treat a piercing needle. A membrane may include a sealing or coating to entrap indicators or other agents such as biocides therein. A method of making membranes such as gloves results in a double glove having discrete inner or outer layers joined only in a cuff region. Admixing of gentian violet with latex prior to membrane formation provides biocidal properties, anti-aging effects prolonging shelf-life and tear resistance, and reduces allergic reactions in latex-allergic users.

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Citation (search report)
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