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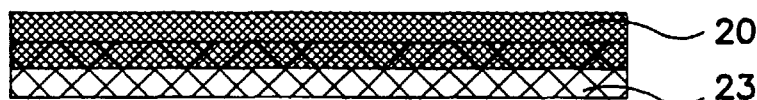
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(54) Title: CHEMICAL PROTECTIVE COVERING



(57) Abstract: This invention provides a selectively permeable protective covering capable of transmitting high quantities of water vapor while also being capable of significantly restricting the passage of noxious or harmful chemicals even under

conditions of high humidification. The material of this invention provides the basis for creating protective garments and accessories suitable for application in the broad range of conditions likely to be encountered in realistic use scenarios. In its broadest aspect, the protective and water vapor permeable covering of this invention comprises a sheet of a polyamine polymer wherein at least 10 % of the polyamine polymer amines are amine-acid moieties wherein the acidic species of said amine-acid moieties have a pK_a less than 6.4.

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