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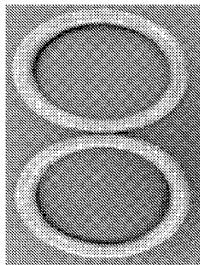
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(54) Title: PREPARATION METHOD FOR PERFLUOROELASTOMER PRODUCT HAVING NON-STICK SURFACE

(54) 发明名称: 一种具有表面不粘性全氟橡胶制品的制备方法

[图 1]



(57) Abstract: The present invention relates to the technical field of layered products, and in particular to a preparation method for a perfluoroelastomer product having a non-stick surface. The method comprises the following steps: S1, preparation of a perfluoroelastomer product: mixing raw perfluoroelastomer with a filler or a vulcanizing agent to obtain a rubber compound; and vulcanizing the rubber compound to obtain a perfluoroelastomer product; S2, surface treatment: carrying out surface roughening and grease removal treatment on the perfluoroelastomer product; S3, one-step surface treatment: spraying or impregnating a coating a on the surface of the perfluoroelastomer product, and heating to obtain a perfluoroelastomer product having undergone the surface treatment; and S4, two-step surface treatment: spraying or impregnating the non-stick coating a on the surface of the perfluoroelastomer product having undergone the surface treatment, and heating to obtain a perfluoroelastomer product having a non-stick surface. By means of the surface treatment method defined in the present invention, the problem of surface stickiness of the perfluoroelastomer product can be solved, and a surface coating layer does not fall off under the action of an external force.

(57) 摘要: 本发明涉及层状产品技术领域, 具体涉及一种具有表面不粘性全氟橡胶制品的制备方法, 包括以下步骤: S1. 制备全氟橡胶制品: 将全氟橡胶生胶与填料或硫化剂进行混合后得到混炼胶; 将混炼胶进行硫化得到全氟橡胶制品; S2. 表面处理: 对全氟橡胶制品进行表面粗糙化和去油脂处理; S3. 一步表面处理: 将涂料a喷涂或浸渍在全氟橡胶制品的表面, 进行加热后得到表面预处理的全氟橡胶制品; S4. 两步表面处理: 在表面预处理的全氟橡胶制品表面进行喷涂或浸渍不粘性涂料a并进行加热得到具有表面不粘性全氟橡胶制品。通过采用本发明中限定的表面处理方法可以改善全氟橡胶制品表面粘性的问题, 在外力的作用下也不会出现表面涂层的脱落。

[见续页]

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