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本国际公布:
— 包括国际检索报告(条约第 21 条(3))。

(54) Title: SELF-HEATING INSULATING FILM AND FACE MASK AND EYE MASK MANUFACTURED THEREFROM

(54) 发明名称 : 一种自发热保温膜及由其制备的面膜和眼膜

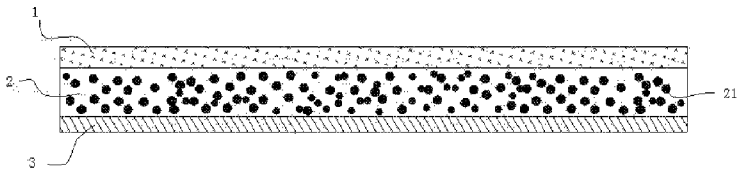


图 1 / Fig. 1

(57) Abstract: A self-heating insulating film comprising a structure of at least three layers, which from outside to inside are respectively: an outer layer (1) formed of breathable material; a heat-generating layer (2) loaded with a heat-generating compound (21) that generates heat on contact with air, at least an upper covering surface thereof that is in contact with the outer layer (1) being formed of breathable material; and an insulating layer (3) formed of a material having waterproof, insulating properties. The present self-heating insulating film is structurally simple, is not constrained by environmental resources, does not require energy supply from an external energy source, is safe and stable, uniformly generates heat, and can effectively prolong heating time and reduce peak heating temperature. The present self-heating insulating film can be manufactured into a three-dimensional face mask, a face mask, or an eye mask for use on facial skin to improve blood circulation, enlarge facial pores, and remove sweat and grease. When used in combination with a traditional nourishing face mask or skincare product, the absorption by the skin of the effective ingredients in said traditional face mask or skincare product is improved and skincare effects are enhanced even when the amount of skincare product used is reduced; use is safe and low-cost.

(57) 摘要: 一种自发热保温膜，包括至少三层结构，由外到内分别为由透气材料构成的外层 (1)、装载有通过与空气接触而发热的发热组合物(21)且至少与所述外层(1)接触的上封面为透气材料构成的发热层(2)、由具有防水保温性能材料构成的保温层(3)。该自发热保温膜结构简单，不受环境资源限制，无需外界能源提供能量，安全、稳定、均匀发热，能够有效地延长发热时间，降低发热峰值温度。该自发热保温膜可制备成立体面膜、面膜或眼膜，用于脸部皮肤，改善血液循环，使皮肤毛孔放大，汗水与污垢油脂排出。当与传统营养面膜或护肤品一起使用时，可以提高皮肤对传统面膜和护肤品有效成分的吸收，在减少护肤品用量的同时，还能增加护肤效果，使用起来安全卫生，成本低。

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