

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局

(43) 国际公布日
2021年6月17日 (17.06.2021)



(10) 国际公布号
WO 2021/114532 A1

(51) 国际专利分类号:
A45F 3/04 (2006.01) *A45C 13/02* (2006.01)
A45C 13/00 (2006.01)

(21) 国际申请号: PCT/CN2020/084403

(22) 国际申请日: 2020年4月13日 (13.04.2020)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
201911268056.4 2019年12月11日 (11.12.2019) CN

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(54) Title: THERMAL INSULATION BACKPACK, AND OPERATION METHOD THEREOF

(54) 发明名称: 一种保温背包及其工作方法

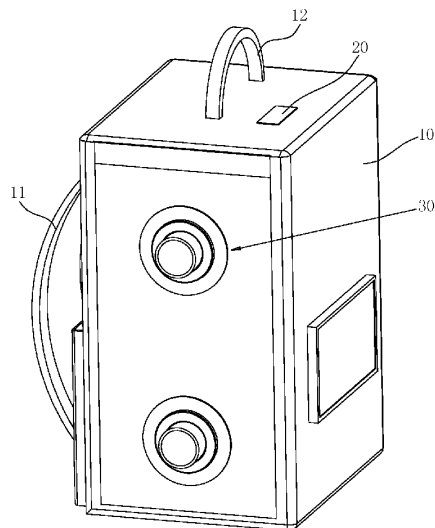


图 1

(57) Abstract: A thermal insulation backpack enabling a rapid reduction in temperature without removing a product arranged therein and achieving a thermal insulation effect, and an operation method thereof. The thermal insulation backpack comprises a main body (10) and an adapter assembly (30). The main body (10) is provided with a thermal insulation accommodation cavity (102) therein, and provided with a connection hole (101) in communication with the thermal insulation accommodation cavity (102). The adapter assembly (30) is inserted into the connection hole (101), and comprises a fixing frame, a sealing screen (32), and a reset assembly. An outer periphery of the sealing screen (32) is provided with a sealing strip (321) protruding outward. A connection recess (316) and a first through slot (312) are provided in the fixing frame. The first through slot (312) is connected to the thermal insulation accommodation cavity (102). The sealing screen (32) is connected to the reset assembly. When the adapter assembly (30) is connected to an external cooling apparatus, the sealing screen (32) moves toward a direction of an interior of the thermal insulation accommodation cavity (102), such that the connection recess (316) is communicated with the first through slot (312). When the adapter assembly (30) is not connected to an external cooling apparatus, the sealing strip (321) presses against a lower end of the connection recess (316), such that the connection recess (316) is sealed.

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IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT,
RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI,
CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG)。

本国际公布：

— 包括国际检索报告(条约第21条(3))。

is not communicated with the first through slot (312).

(57) 摘要：一种实现无需取出内部产品便可快速进行降温且可以起到保温效果的保温背包及其工作方法。保温背包包括背包本体(10)以及转接组件(30)，背包本体(10)内设有保温容腔(102)，背包本体(10)上设有与保温容腔(102)连通的连接孔(101)，转接组件(30)插设在连接孔(101)内，转接组件(30)包括固定架、密封帘(32)以及复位组件，密封帘(32)的外周朝外凸设有密封条(321)，固定架内设有连接槽(316)及第一通槽(312)，第一通槽(312)与保温容腔(102)连接，密封帘(32)与复位组件连接；当转接组件(30)与外部降温设备连接时，密封帘(32)朝靠近保温容腔(102)的内部的方向移动，以使得连接槽(316)与第一通槽(312)连通，当转接组件(30)未与外部降温设备连接时，密封条(321)抵接连接槽(316)的下端，以使得连接槽(316)与第一通槽(312)未连通。