

Title (en)

AIRTIGHT SHEATH FOR PACKING A BOTTLE

Title (de)

LUFTDICHTE HÜLLE ZUM VERPACKEN EINER FLASCHE

Title (fr)

GAINE ÉTANCHE À L'AIR POUR L'EMBALLAGE D'UNE BOUTEILLE

Publication

**EP 3418212 A1 20181226 (EN)**

Application

**EP 17176753 A 20170620**

Priority

EP 17176753 A 20170620

Abstract (en)

An airtight sheath (100) for packing a bottle, the airtight sheath includes a first buffering unit (1), a second buffering unit (2), a bottom unit (3), and a cover (4). The first buffering unit (1) includes two distal heat-sealing sides (12) being heat-sealed to terminate two opposite sides of the first buffering unit (1). Two opposite sides of the second buffering unit (2) are heat-sealed with the two distal heat-sealing sides (12). The bottom unit (3) and the first (1) and second (2) buffering units cooperatively form a packing space for packing the bottle therein. The cover (4) includes connecting air columns (41) and at least a lid air column (42), and a side of each of the connecting air columns (41) opposite to the lid air column (42) is heat-sealed with the first buffering unit (1).

IPC 8 full level

**B65D 81/03** (2006.01); **B65D 75/52** (2006.01)

CPC (source: EP)

**B65D 81/03** (2013.01); **B65D 75/527** (2013.01)

Citation (search report)

- [I] TW 200946410 A 20091116 - LEADPAK IND CO LTD [TW], et al
- [A] WO 2016078580 A1 20160526 - SHANGHAI AIR PAQ COMPOSITE MATERIAL CO LTD [CN]
- [A] US 2004163991 A1 20040826 - KOYANAGI YOSHIHIRO [JP], et al
- [A] US 2009169134 A1 20090702 - HSU YI-CHEN [TW]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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