

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

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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)

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Designated extension state (EPC)

BA ME

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