

Title (en)
LIQUID PRODUCT PACKAGING CAPS

Title (de)
VERSCHLUSSKAPPEN FÜR FLÜSSIGPRODUKTVERPACKUNGEN

Title (fr)
CAPSULES D'EMBALLAGE DE PRODUIT LIQUIDE

Publication
EP 3612456 A2 20200226 (EN)

Application
EP 18718820 A 20180419

Priority
• GR 20170100185 A 20170420
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• EP 2018060095 W 20180419

Abstract (en)
[origin: WO2018193053A2] Liquid product packaging caps with opening plugs are disclosed. The proposed caps comprise dispensing glands and protection meshes attached to the liquid product packaging caps. In examples, when opening, the opening plugs do not touch the liquid content and fold over the liquid product packaging caps, rather than inside them, while at the same time sharp circumferential edge guards prevent users from touching the sharp circumferential edges of the metal plugs. The dispensing glands are released and prevent the liquid from touching potentially contaminated caps of the liquid product packaging which may have been in contact with polluting and contaminating agents. Protection meshes are fitted or secured to dispensing glands which close the packaging holes after they are opened. The protection meshes, apart from the gaps also prevent insects or objects from entering, have pre-selected pre-cut areas to allow users to insert drinking straws into the packaging.

IPC 8 full level
B65D 25/44 (2006.01); **B65D 17/28** (2006.01)

CPC (source: EP US)
B65D 17/28 (2017.12 - US); **B65D 17/4012** (2017.12 - EP US); **B65D 25/44** (2013.01 - EP US); **B65D 2517/0016** (2013.01 - EP US); **B65D 2517/0022** (2013.01 - EP US); **B65D 2517/0049** (2013.01 - EP US); **B65D 2517/0056** (2013.01 - EP); **B65D 2517/0068** (2013.01 - EP); **B65D 2517/007** (2013.01 - EP); **B65D 2517/0077** (2013.01 - EP)

Citation (search report)
See references of WO 2018193053A2

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Designated extension state (EPC)
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