

Title (en)
SELF-OPENING CLOSURE WITH AIR INLET CHANNEL FOR COMPOSITE PACKAGING OR FOR CONTAINER NECKS TO BE SEALED WITH FOIL MATERIAL

Title (de)
SELBSTÖFFNER-VERSCHLUSS MIT LUFTEINLASSKANAL FÜR VERBUNDPACKUNGEN ODER FÜR MIT FOLIENMATERIAL ZU VERSCHLIESSENDE BEHÄLTERSTUTZEN

Title (fr)
SYSTÈME DE BOUCHAGE À OUVERTURE AUTOMATIQUE MUNI D'UN CANAL D'ENTRÉE D'AIR POUR EMBALLAGES COMPOSITES OU POUR EMBOUTS DE RÉCIPIENTS À OBTURER PAR UN MATÉRIAU PELLICULAIRE

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Application
EP 08772910 A 20080808

Priority
• CH 2008000339 W 20080808
• CH 13182007 A 20070822

Abstract (en)
[origin: WO2009023976A1] The self-opening closure consists of a spout neck (10) which can be mounted to and sealed onto composite packaging or to a container neck to be sealed with foil material, of an associated screw cap (9) and also of a self-opening collar (1) arranged within the spout neck (10). The latter can be set in rotation by the screw cap (9). The self-opening collar (1) at the upper edge thereof forms a recess (4) which becomes smaller toward the lower edge (6) and runs out into said lower edge. On the outside of the self-opening casing (1) and on the inside of the spout neck (10) there are guide features so that the self-opening casing (1) is guided downward when turning the spout neck (10). After unscrewing the cover cap, the recess (4) rests partly in the interior of the spout neck (10), and partly below said spout neck and forms an air inlet channel which causes a steady outlet stream when pouring out the liquid contained in the composite packaging.

IPC 8 full level
B65D 5/74 (2006.01)

CPC (source: EP US)
B65D 5/748 (2013.01 - EP US); **B65D 25/40** (2013.01 - EP US)

Citation (search report)
See references of WO 2009023976A1

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