

Title (en)
CONTAINER HAVING AUTOMATICALLY OPENING AND CLOSING LID

Title (de)
BEHÄLTER MIT AUTOMATISCH ÖFFNENDEM UND SCHLIESSENDEM DECKEL

Title (fr)
RÉCIPIENT AYANT UN COUVERCLE À OUVERTURE ET FERMETURE AUTOMATIQUES

Publication
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Application
EP 16920538 A 20161108

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Abstract (en)
[origin: EP3536629A1] A container having an automatically opening and closing lid and for storing various contents is disclosed. To this end, the present invention comprises: an outer container (10); an inner container (20) which is insertably provided inside the outer container and can elastically move upward and downward by means of a tension member (70); a contents container (30) insertably provided inside the inner container (20) and fixedly coupled to the outer container (10); an upper lid (40) which has a contents supply hole (42) formed through one side of the top of a body (41), which is connected on the outer container, and is for opening and closing the contents supply hole by means of linking to the ascent and descent of the inner container (20) an opening and closing tool (43), which is provided over the contents supply hole, and horizontally sliding same; and a lower support (50) having a lower operating member (55), which moves upward and downward with the inner container (20), coupled below an upper fixing member (51) which is fixedly coupled below the outer container. As the inner container (20) moves downward by means of the tension member (70) when the outer container (10) is lifted off the floor, and compresses the tension member (70) and moves back upward when the outer container (10) is placed on the floor, the opening and closing tool (43) of the upper lid automatically opens and closes the contents supply hole (42). Therefore, the present invention can be used without a separate opening and closing operation of the lid and thus is highly convenient and sanitary.

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Citation (search report)
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• [A] EP 0195812 A1 19861001 - POLYTOP CORP [US]
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• See references of WO 2018084348A1

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