

Title (en)
CONTAINER HAVING AUTOMATICALLY OPENING AND CLOSING LID

Title (de)
BEHÄLTER MIT AUTOMATISCH ÖFFNENDEM UND SCHLIESSENDEM DECKEL

Title (fr)
RÉCIPIENT DOTÉ D'UN COUVERCLE À OUVERTURE ET FERMETURE AUTOMATIQUES

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Application
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Abstract (en)
[origin: EP3536630A1] 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 the top center 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 axially-rotating same upward and downward; 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] KR 20160050590 A 20160511 - KIM YOUNG BEOM [KR]
• [A] EP 1910184 A1 20080416 - ROECK UDO [DE]
• [A] KR 20140041011 A 20140404 - ID PLATECH [KR]
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