

Title (en)
PLASTIC CONTAINER WITH A SNAP-IN LID

Title (de)
KUNSTSTOFFBEHÄLTER MIT EINRASTBAREM DECKEL

Title (fr)
CONTENANT EN MATIERE PLASTIQUE DOTE D'UN COUVERCLE ENCLIQUETABLE

Publication
EP 1268289 B1 20050119 (DE)

Application
EP 01913598 A 20010208

Priority
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Abstract (en)
[origin: US2002175173A1] A plastic container with a snap lid and with a snap element provided on an upper edge area of the container for the lid to snap onto, where the lid being snapped onto the container has an area that comes into tight contact with the upper edge area of the container, the areas of the lid and of the container cooperating under tight contact generate a sealing region. The object of the invention is to design a plastic container with snap lid, which reliably fulfils special demands on leak-proofness. To this end, the sealing region between the container and the lid is provided with a circumferential seal made of a material of greater elasticity than the container and the lid and in that the seal is integrally moulded on at least one of the cooperation areas of the lid and of the container generating the sealing region. The seal can be located in a circumferential groove in the lid. The seal can have two sealing regions spaced apart that are at different angles to the main axis of the container, where the container and/or lid has areas that provide for tight contact on the sealing regions. The container and the seal are provided with elevations in the form of ribs which come into contact when the lid is on. At the height of the seal, the outer flank of the groove on the lid laterally contacts the outside of the container.

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IPC 8 full level
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US 2002175173 A1 20021128; AT E287363 T1 20050215; AU 3916501 A 20011015; BR 0109623 A 20030204; BR 0109623 B1 20130514; CA 2404876 A1 20021001; CA 2404876 C 20060919; CN 1246193 C 20060322; CN 1422224 A 20030604; DE 10191219 D2 20030605; DE 20006093 U1 20000914; DE 50105127 D1 20050224; DK 1268289 T3 20050523; EP 1268289 A1 20030102; EP 1268289 B1 20050119; ES 2236196 T3 20050716; FR 2808507 A3 20011109; FR 2808507 B3 20020426; JP 2004501836 A 20040122; JP 3818919 B2 20060906; KR 100538681 B1 20051223; KR 20030020268 A 20030308; MX PA02009624 A 20031014; PT 1268289 E 20050429; RU 2261203 C2 20050927; UA 72594 C2 20050315; WO 0174674 A1 20011011; ZA 200207587 B 20030922

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