

Title (en)

SNAP HINGE AND CONTAINER LID

Title (de)

SCHNAPPSCHARNIER UND BEHÄLTERDECKEL

Title (fr)

CHARNIERE A DECLIC ET COUVERCLE DE CONTENANT

Publication

**EP 1230129 B1 20040512 (DE)**

Application

**EP 00979561 A 20001115**

Priority

- DE 19955411 A 19991118
- EP 0011275 W 20001115

Abstract (en)

[origin: WO0136286A1] Disclosed is a hinge which has a simple construction and can thus be produced in a cost-effective manner and changes from a first unstressed snap position into a second snap position when the two hinge components are displaced in the angle area of 90 DEG to 180 DEG . Each hinge component (101, 102) is provided with a level hinge element (111, 112) and an offset roof surface element (7, 7') fixed therein. The hinge components are connected to each other by means of the roof surface elements (7, 7') in the hinge axis (10). Said elements are erected against each other. An intermediate element (121) is configured as a notch (120) in the roof surface elements (7, 7'). Said snap hinge can be arranged in a container lid.

IPC 1-7

**B65D 43/16**

IPC 8 full level

**B65D 43/16** (2006.01)

CPC (source: EP)

**B65D 43/161** (2013.01)

Citation (examination)

- DE 3150493 A1 19820916 - WIESINGER WILHELM [CH]
- DE 3153386 C2 19871126
- EP 0640167 A1 19950301 - ALFATECHNIC PATENT AG [CH]

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

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