

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]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0136286 A1 20010525; AT E266581 T1 20040515; AU 1700501 A 20010530; DE 19955411 A1 20010607; DE 19955411 C2 20010913; DE 50006435 D1 20040617; EP 1230129 A1 20020814; EP 1230129 B1 20040512; ES 2220571 T3 20041216

DOCDB simple family (application)

EP 0011275 W 20001115; AT 00979561 T 20001115; AU 1700501 A 20001115; DE 19955411 A 19991118; DE 50006435 T 20001115; EP 00979561 A 20001115; ES 00979561 T 20001115