

Title (en)  
Device for closing plastic bottles

Title (de)  
Vorrichtung zum Verschließen von Kunststoffflaschen

Title (fr)  
Dispositif destiné à fermer des bouteilles en plastique

Publication  
**EP 2657179 B1 20180425 (DE)**

Application  
**EP 13158699 A 20130312**

Priority  
DE 102012206944 A 20120426

Abstract (en)  
[origin: EP2657179A1] The device has a sealer which closes a plastic bottle (105) with a screw cap, where a holder (110) is provided for holding the plastic bottle during closing and has spikes, on which a support ring of the plastic bottle rests during closing. The holder has a centering cavity, whose diameter corresponds to the diameter of the support ring of the plastic bottle. The spikes are arranged in the centering cavity. A fixed guide (130,140,150) is provided to guide the plastic bottle in the centering cavity. An independent claim is included for a method for closing a plastic bottle.

IPC 8 full level  
**B67B 3/20** (2006.01)

CPC (source: EP)  
**B67B 3/206** (2013.01)

Citation (examination)  
CN 2641010 Y 20040915 - ZHANG BENLI [CN]

Cited by  
EP2939972A1; DE102022118107A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2657179 A1 20131030; EP 2657179 B1 20180425**; CN 103373682 A 20131030; CN 103373682 B 20160810;  
DE 102012206944 A1 20131031

DOCDB simple family (application)  
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