

Title (en)  
TAMPER-EVIDENT CHILD RESISTANT CLOSURE DEVICE

Publication  
**EP 0387323 A4 19901227 (EN)**

Application  
**EP 89909315 A 19890802**

Priority  
US 22829488 A 19880804

Abstract (en)  
[origin: WO9001451A1] A tamper-evident child resistant closure (10) is provided. The closure (10) includes an inner cap (12) having a first set of teeth (34), and outer cap (14) which fits movably over the inner cap and has a second set of teeth (50) which operatively engage the first set of teeth (34) to facilitate removal of the closure and an inactivatable engagement prevention element (62) for preventing engagement of the first and second sets of teeth. The engagement prevention element (62) prevents the removal of the closure device (10) from a container (18) of any configuration. Once the engagement prevention element (62) is inactivated, the first set of teeth (34) on the inner cap (12) can engage the second set of teeth (50) on the outer cap (14) when the outer cap is displaced axially downwardly with respect to the inner cap. The closure can be taken off a container (18) when the teeth are engaged. The inactivation of the engagement preventing element provides a visual indication that the container (18) has been opened or tampered with.

IPC 1-7  
**B65D 55/02**

IPC 8 full level  
**B65D 51/18** (2006.01); **B65D 50/04** (2006.01); **B65D 55/08** (2006.01)

CPC (source: EP)  
**B65D 50/041** (2013.01); **B65D 55/089** (2013.01)

Citation (search report)

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- [Y] EP 0120644 A2 19841003 - JOHNSEN JORGENSEN PLASTICS LTD [GB]
- [A] US 4454955 A 19840619 - KUSZ MAXIMILLIAN [US], et al
- [A] GB 2141697 A 19850103 - ROBINSON WHITE PLASTICS LIMITE
- See references of WO 9001451A1

Designated contracting state (EPC)  
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