

Title (en)  
DEVICE FOR CLOSING PLASTIC BOTTLES

Title (de)  
VORRICHTUNG ZUM VERSCHLIESSEN VON KUNSTSTOFFFLASCHEN

Title (fr)  
DISPOSITIF DE FERMETURE DE BOUTEILLES EN PLASTIQUE

Publication  
**EP 1175343 A1 20020130 (DE)**

Application  
**EP 00931111 A 20000504**

Priority  
• DE 29908075 U 19990506  
• EP 0003996 W 20000504

Abstract (en)  
[origin: US6701692B1] The device for sealing plastic bottles, especially PET bottles, after they are filled with a material under aseptic conditions, comprises a magazine for the seals, a delivery device for taking individual seals from the magazine and placing the seals on the filling opening of the bottles, which are fed to the treatment stations singly, consecutively and in a clocked sequence. The device further comprises a tool for carrying out the sealing operation. To this end, the delivery device takes sealing blanks, which are used as the seals, from the magazine and passes them on to the filling opening of the respectively prepared bottle, after which the sealing tool seals the sealing blank in the same working cycle onto the edge region surrounding the filling opening of the bottle, which remains in its position of readiness.

IPC 1-7  
**B65B 7/28**

IPC 8 full level  
**B65B 55/04** (2006.01); **B65B 7/28** (2006.01); **B65B 55/10** (2006.01); **B67B 5/00** (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP US)  
**B65B 7/2807** (2013.01 - EP US); **B65B 7/2878** (2013.01 - EP US)

Citation (search report)  
See references of WO 0068079A1

Cited by  
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DOCDB simple family (publication)  
**US 6701692 B1 20040309**; AT E229450 T1 20021215; BR 0010336 A 20020213; DE 29908075 U1 20000914; DE 50000929 D1 20030123; DK 1175343 T3 20030407; EP 1175343 A1 20020130; EP 1175343 B1 20021211; ES 2187474 T3 20030616; JP 2002544069 A 20021224; WO 0068079 A1 20001116

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