

Title (en)  
Capper for containers

Title (de)  
Verschließer für Behälter

Title (fr)  
Machine de fermeture pour récipients

Publication  
**EP 2724978 A3 20141224 (DE)**

Application  
**EP 13188327 A 20131011**

Priority  
DE 102012021810 A 20121029

Abstract (en)  
[origin: EP2724978A2] The capper (1) comprises a capping head (4) and an ejector bar (8) for ejection of container closures in the capping head. The ejector bar comprises a medium channel (8a) for a cleaning medium, which is formed as portion of a cleaning cycle for supplying the cleaning medium in the capping head. The ejector bar comprises a medium outlet (8b), particularly a cleaning nozzle for distributing the cleaning medium in the capper. An independent claim is included for a method for cleaning a capper for containers, particularly bottles.

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

CPC (source: EP)  
**B67B 3/2066** (2013.01); **B67B 3/268** (2013.01); **B67B 2201/08** (2013.01)

Citation (search report)

- [X] US 5150558 A 19920929 - BERNHARD HERBERT [DE]
- [XI] DE 2948633 A1 19810611 - HOLSTEIN & KAPPERT MASCHF [DE]
- [XI] DE 9201857 U1 19920604
- [X] DE 29505567 U1 19960425 - KRONSEDER MASCHF KRONES [DE]

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IT201600106129A1; CN109863111A; US11192767B2; WO2018073763A1; WO2023046458A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2724978 A2 20140430; EP 2724978 A3 20141224; EP 2724978 B1 20160427**; CN 103787248 A 20140514; CN 103787248 B 20160120; DE 102012021810 A1 20140430; EP 2966024 A1 20160113

DOCDB simple family (application)  
**EP 13188327 A 20131011**; CN 201310521539 A 20131029; DE 102012021810 A 20121029; EP 15178200 A 20131011