

Title (en)  
Cap-remover

Title (de)  
Drehdeckelöffner

Title (fr)  
Dispositif d'ouverture pour recipients a couvercle rotatif

Publication  
**EP 1780172 A3 20080528 (DE)**

Application  
**EP 06405439 A 20061013**

Priority  
CH 16942005 A 20051021

Abstract (en)  
[origin: EP1780172A2] Rotating cap opener (11) has a first handle (13) and a second handle (15) deviating from the first one. At the first handle a first jaw (45) and at the second handle a second jaw (41) is provided. The first jaw is provided at a spacer (17). Spacer is movable into the first handle and is lockable in a majority of position against this first handle.

IPC 8 full level  
**B67B 7/18** (2006.01)

CPC (source: EP US)  
**B67B 7/18** (2013.01 - EP US)

Citation (search report)

- [DA] US 2931258 A 19600405 - RONNING JR JACOB A
- [A] WO 9400376 A1 19940106 - YUUGENGAISYA JOUHU [JP], et al
- [A] FR 2670767 A1 19920626 - SEB SA [FR]
- [A] US 2003150296 A1 20030814 - VANDERGAW DALE W [US]

Cited by  
CN111377384A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1780172 A2 20070502; EP 1780172 A3 20080528; EP 1780172 B1 20100421**; AT E465121 T1 20100515; DE 502006006770 D1 20100602; DK 1780172 T3 20100802; ES 2344958 T3 20100910; US 2007157766 A1 20070712; US 7367248 B2 20080506

DOCDB simple family (application)  
**EP 06405439 A 20061013**; AT 06405439 T 20061013; DE 502006006770 T 20061013; DK 06405439 T 20061013; ES 06405439 T 20061013; US 58535906 A 20061023