

Title (en)
ROTATING CAP OPENER

Title (de)
DREHDECKELÖFFNER

Title (fr)
DISPOSITIF D'OUVERTURE POUR RECIPIENTS A COUVERCLE ROTATIF

Publication
EP 1485315 B1 20061025 (DE)

Application
EP 02703437 A 20020319

Priority
CH 0200163 W 20020319

Abstract (en)
[origin: WO03078295A1] A rotating cap opener (11) is provided with three clamping jaws (15, 17, 19) each of which is disposed on a carrier part (45) which is arranged on a base part (23) in such a way that it is radially displaceable. A rotatable spiral guide (29), which cooperates with the carrier part (45), is used to move the clamping jaws (15, 17, 19) towards each other into an inner position (50) and away from each other into an outer position (60). As a result, covers of different radii can be grasped and opened due to a handle (13) having an enlarged lever arm.

IPC 8 full level
B67B 7/18 (2006.01); **B67B 7/14** (2006.01)

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

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 03078295 A1 20030925; AU 2002237143 A1 20030929; CA 2478786 A1 20030925; CA 2478786 C 20090721; CN 1318291 C 20070530; CN 1622917 A 20050601; DE 50208561 D1 20061207; EP 1485315 A1 20041215; EP 1485315 B1 20061025; US 2005028646 A1 20050210; US 7100473 B2 20060905

DOCDB simple family (application)
CH 0200163 W 20020319; AU 2002237143 A 20020319; CA 2478786 A 20020319; CN 02828586 A 20020319; DE 50208561 T 20020319; EP 02703437 A 20020319; US 94309904 A 20040917