

Title (en)

DEVICE FOR SCREWING AND CRIMPING A CAP ON A NECK

Title (de)

VORRICHTUNG ZUM AUFSCHRAUBEN UND QUETSCHEN EINER KAPPE AN EINEM HALS

Title (fr)

DISPOSITIF DE VISSAGE ET DE SERTISSAGE D'UNE CAPSULE SUR UN GOULOT

Publication

EP 1519891 B1 20060329 (FR)

Application

EP 03750785 A 20030701

Priority

- FR 0302030 W 20030701
- FR 0208383 A 20020704

Abstract (en)

[origin: US2005204710A1] A device including a rotating capping head with axial displacement, characterized in that the head is provided with means for screwing a cap on the neck, and means for crimping the cap beneath a crimping ring. The axial displacement includes a first axial displacement of the head activating the screwing means and a second axial displacement of the head activating the crimping means, so as to produce successively, and in one single axial displacement of the head, a screwing step and a crimping step constituting the capping process. The inventive device enables the cap to be screwed and crimped in one single step.

IPC 8 full level

B67B 3/20 (2006.01); **B67B 3/02** (2006.01); **B67B 3/18** (2006.01)

CPC (source: EP US)

B67B 3/02 (2013.01 - EP US); **B67B 3/18** (2013.01 - EP US); **B67B 3/2033** (2013.01 - EP); **B67B 3/2066** (2013.01 - EP US)

Cited by

EP1908725A1; US7533590B2; DE102012005300A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2005204710 A1 20050922; US 7299602 B2 20071127; AR 040282 A1 20050323; AT E321727 T1 20060415; AU 2003269006 A1 20040123; BR 0312411 A 20050419; CA 2491195 A1 20040115; DE 20321564 U1 20080417; DE 60304340 D1 20060518; DE 60304340 T2 20061214; EP 1519891 A1 20050406; EP 1519891 B1 20060329; ES 2263014 T3 20061201; FR 2841889 A1 20040109; FR 2841889 B1 20050513; MX PA05000113 A 20050408; PL 373051 A1 20050808; RU 2005102702 A 20051010; RU 70877 U1 20080220; WO 2004005181 A1 20040115

DOCDB simple family (application)

US 51837905 A 20050208; AR P030102182 A 20030619; AT 03750785 T 20030701; AU 2003269006 A 20030701; BR 0312411 A 20030701; CA 2491195 A 20030701; DE 20321564 U 20030701; DE 60304340 T 20030701; EP 03750785 A 20030701; ES 03750785 T 20030701; FR 0208383 A 20020704; FR 0302030 W 20030701; MX PA05000113 A 20030701; PL 37305103 A 20030701; RU 2005102702 A 20030701; RU 2007130849 U 20030701