

Title (en)
CAP SCREWING DEVICE

Title (de)
DECKELSCHRAUBVORRICHTUNG

Title (fr)
DISPOSITIF DE VISSAGE DE BOUCHONS

Publication
EP 1497221 A1 20050119 (FR)

Application
EP 03746843 A 20030416

Priority
• FR 0301217 W 20030416
• FR 0204985 A 20020422

Abstract (en)
[origin: US2003196519A1] The device for screwing on a cap comprises a gripping head fixed to a rotary spindle, and a drive shaft connected to a drive member carried by a frame, the rotary spindle and the drive shaft are connected to each other on the same axis by a resilient coupling member, connected both to the rotary spindle and to the drive shaft, and the device further comprises a detector member for detecting relative rotation between the rotary spindle and the drive shaft, and a control member for interrupting tightening of the cap when the relative rotation reaches a predetermined threshold.

IPC 1-7
B67B 3/20

IPC 8 full level
B25B 23/153 (2006.01); **B67B 3/20** (2006.01)

CPC (source: EP US)
B67B 3/2073 (2013.01 - EP US); **B67B 3/26** (2013.01 - EP US)

Citation (search report)
See references of WO 03089360A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2003196519 A1 20031023; US 6840138 B2 20050111; BR 0309071 A 20050201; CN 1646411 A 20050727; EP 1497221 A1 20050119; FR 2838665 A1 20031024; FR 2838665 B1 20041203; JP 2005527436 A 20050915; WO 03089360 A1 20031030

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