

Title (en)
Corkscrew

Title (de)
Korkenzieher

Title (fr)
Tire-bouchon

Publication
EP 2330072 A1 20110608 (EN)

Application
EP 09014984 A 20091203

Priority
EP 09014984 A 20091203

Abstract (en)
A corkscrew, comprising a handle (1), supports (2), a screw (3) that is pivotally associated to the handle (1); the supports (2) include an inner support (2.2) and an outer support (2.1); the inner support is flexibly fitted inside the outer support; one end of the inner support (2.2) is pivotally associated to the handle (1); the concave, ladder-type first positioning step (2.2.1) and the second positioning step (2.2.2) are set in turn from top to bottom on the inner support (2.2); convex limit step is set at the terminal of the inner support; the first limit end (2.2.1) which matches the first positioning step or the second positioning step and takes the effect of limitation, the second limit end (2.1.2) that matches the limit step and takes the effect of limitation, as well as the supporting operation port that matches the mouth of bottle are set on the outer support (2.1); a flat spring (4) fixedly connected on the inner wall of the outer support (2.1), wherein the free end of the flat spring (4) is pressed tightly and slide-fitted on the outer wall of the inner support. The corkscrew has the advantages of timesaving, least resistance and convenience for operation.

IPC 8 full level
B67B 7/04 (2006.01)

CPC (source: EP)
B67B 7/0429 (2013.01); **B67B 2007/0458** (2013.01)

Citation (search report)

- [IY] WO 03084858 A1 20031016 - EFFEGI SRL [IT], et al
- [Y] US 6101900 A 20000815 - TRASPUESTO MIGUEL FRANCISCO JO [ES]
- [Y] WO 2005068348 A1 20050728 - FARFALLI DANIELE [IT], et al
- [A] EP 1350756 B1 20060531 - FACKELMANN GMBH & CO KG [DE]
- [A] EP 0873965 A1 19981028 - BRUCART PUIG RAMON [ES], et al
- [A] US 2003140733 A1 20030731 - MIGUEL FRANCISCO JOSE TRASPUES [ES]
- [A] FR 2873108 A1 20060120 - DISTRI COUTALE SARL [FR]
- [A] EP 1063195 A1 20001227 - OLANETA Y JUARISTI S A B [ES]

Cited by
CN106698294A

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

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