

Title (en)

Multipurpose wine bottle stopper removing device.

Title (de)

Mehrzweckstopfen-Ziehvorrichtung für Weinflaschen.

Title (fr)

Tire-bouchon multifonctionnel pour bouteilles de vin.

Publication

**EP 0620184 A1 19941019 (EN)**

Application

**EP 94302671 A 19940414**

Priority

- US 4681693 A 19930416
- US 16479293 A 19931210

Abstract (en)

A device is described for removing either a cork or a mushroom-shape stopper from a bottle. It includes a support frame (10) having a bottom ring (17), a top cap member (11) with a threaded hole (13) extending therethrough and at least two circumferentially spaced longitudinal support members (12) extending between the top cap (11) and bottom ring (17). A threaded shaft (15) is mounted in the top cap threaded hole (13), this shaft having a handle (16) mounted on the upper end thereof. A stopper gripping and pulling member (20) is included for a mushroom-shaped stopper comprising a bridge member (21) connected to the lower end of the threaded shaft such that the threaded shaft is free to rotate relative to the bridge member while being fixed against relative axial movement, guideways (27) in the bridge member for receiving the support frame longitudinal support members (12) thereby preventing rotation of the bridge member (21), a pair of opposed stopper gripping arms (22) extending downwardly from the bridge member and adapted to swing outwardly from the bridge member to release a pulled stopper. Also included is a cork pulling member (50) comprising a stem portion (51) with a handle (52) at one end and cork screw portion (53) at the other end, the cork screw stem extending through an axial hole (42) in the threaded shaft with the cork screw handle projecting above the threaded shaft handle.

IPC 1-7

**B67B 7/06**

IPC 8 full level

**B67B 7/06** (2006.01)

CPC (source: EP)

**B67B 7/066** (2013.01)

Citation (search report)

- [DA] US 4756214 A 19880712 - VALTRI FRANK J [US], et al
- [A] US 4606245 A 19860819 - VEVERKA JOSEPH F [US], et al
- [A] DE 164199 C
- [A] DE 3938707 C1 19910404
- [A] US 2342156 A 19440222 - HENRY MILLER JOHN

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

**EP 0620184 A1 19941019**; CA 2120960 A1 19941017

DOCDB simple family (application)

**EP 94302671 A 19940414**; CA 2120960 A 19940411