

Title (en)

Improved pliers for opening phlebotomy bottles.

Title (de)

Zange zum Öffnen von "Phlebotomy"-Flaschen.

Title (fr)

Pince pour ouvrir des bouteilles phlebotomy.

Publication

EP 0419422 A1 19910327 (EN)

Application

EP 90830327 A 19900713

Priority

IT 2179589 U 19890921

Abstract (en)

There is disclosed an improved pliers arrangement for opening phlebotomy bottles, comprising a circular gripping element formed by two arms provided with inner toothed portions adapted to penetrate, through the detent metal sleeve of the bottle, between the bottle glass material and the rubber bottle plug, as the arms are fully tightened about the bottle neck.

IPC 1-7

B25B 7/00; **B67B 7/00**

IPC 8 full level

B25B 7/02 (2006.01); **B67B 7/02** (2006.01); **B67B 7/46** (2006.01)

CPC (source: EP)

B25B 7/02 (2013.01); **B67B 7/02** (2013.01); **B67B 7/30** (2013.01)

Citation (search report)

- [A] US 3817126 A 19740618 - KOEBBEMAN R
- [A] GB 2049532 A 19801231 - BAHCO VERKTYG AB

Cited by

US2017043990A1; DE19503333C1; FR2723872A1; CN109955181A; US10138104B2

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