Title (en)
   Bottle capsule cutter

Title (de)
   Schneidegerät für Flaschenkapseln

Title (fr)
   Outil de coupe pour capsules de bouteilles

Publication
   EP 1571117 A1 20050907 (EN)

Application
   EP 05075470 A 20050228

Priority
   IT PN20040011 A 20040301

Abstract (en)
   Device for circumferentially cutting the protective caps fitted to the necks of bottles, this device (1) essentially comprising a handle (11) connected at one extremity to a forked part forming two branches (12) together forming a circular arc member (13) on the extremities of which are mounted corresponding arcuate members (2) pivoted on suitable pins (3) engaging at points which are at a slight distance from their centres so as to form corresponding short arms (22) facing the said circular arc member (13) and long arms (23) facing outwards, corresponding cutting wheels (4) being mounted on a flat transverse surface of the said arcuate members (2) at their extremities and projecting slightly from the corresponding internal cylindrical surfaces and arranged in such a way that when the said arcuate members (2) are located in the closed position they (4) are equally spaced from each other and tangential to the minimum operating diameter, suitable edges (21) capable of engaging the extremity of the neck of the bottle in such a way as to support the said device (1) during the operating stage projecting directly towards the interior of the same (2) automatically and simultaneously ensuring proper and constant positioning of the said cutting wheels (4) on the length of the neck of the bottle.

IPC 1-7
   B67B 7/00

IPC 8 full level
   B67B 7/46 (2006.01)

CPC (source: EP)
   B67B 7/30 (2013.01); B67B 2007/0458 (2013.01)

Citation (search report)
   • [A] EP 0748761 A1 19961218 - CELLINI FERDINANDO [IT]
   • [A] US 4845844 A 19890711 - ALLEN HERBERT [US]
   • [A] GB 2322622 A 19980902 - KIM IN SEOK [KR]

Designated contracting state (EPC)
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