

Title (en)
Tweezer made of light metal

Title (de)
Leichtmetallpinzette

Title (fr)
Pince en métal léger

Publication
EP 1080657 A1 20010307 (DE)

Application
EP 99810749 A 19990820

Priority
EP 99810749 A 19990820

Abstract (en)
The invention relates to tweezers made of light weight metal (10) and having two pincers (12, 14) each of which forms a head part (13) on one of their ends and can be reversibly and temporarily brought together on their other end by manually applying a closing pressure; the tweezers (10) preferably consist of extruded light weight metal and are embodied as a single piece. A closed novel extrusion profile (60) with an approximately tweezers-shaped cross-section is preferably used in the production of said tweezers.

Abstract (de)
Die Pinzette (10) besitzt zwei Schenkeln (12,14), die jeweils an einem ihrer Enden in Verbindung miteinander stehen und an ihren anderen Enden durch Einwirkung eines manuellen Schliessdrucks zum temporären Eingriff miteinander gebracht werden können; die Pinzette (10) besteht aus Leichtmetall und ist einstückig ausgebildet, indem die Schenkel (12,14) durchgehend in einem Scheitelbereich (13) miteinander in Verbindung stehen. <IMAGE>

IPC 1-7
A45D 26/00

IPC 8 full level
B25B 9/02 (2006.01); **A45D 26/00** (2006.01); **A61B 17/30** (2006.01); **A61C 3/10** (2006.01)

CPC (source: EP US)
A45D 26/0066 (2013.01 - EP US)

Citation (applicant)

- DE 8531382 U1 19860116
- CH 376064 A 19640315 - TERRIER MICHEL [CH], et al
- EP 0849048 A1 19980624 - OUTILS RUBIS SA [CH]
- DE 29512216 U1 19951109 - HELMUT ZEPF MEDIZINTECHNIK GMB [DE]

Citation (search report)

- [X] US 5192106 A 19930309 - KAUFMAN CRAIG A [US]
- [Y] DE 19811033 C1 19990805 - AESCULAP AG & CO KG [DE]
- [YA] DE 2822706 A1 19781130 - KALIX MEKANISKA IND
- [A] US 3115360 A 19631224 - WITKOFF ROBERT S
- [A] US 4318313 A 19820309 - TARTAGLIA JOHN A

Cited by
CN107243572A; CN103037733A; EP2591700A4; EP3643197A4; US9232842B2; WO0234081A1; WO2009094794A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 1080657 A1 20010307; EP 1080657 B1 20020130; AT E281092 T1 20041115; AU 6422500 A 20010319; DE 50008523 D1 20041209;
DE 59900807 D1 20020314; EP 1204339 A1 20020515; EP 1204339 B1 20041103; ES 2230130 T3 20050501; JP 2003530223 A 20031014;
JP 3793086 B2 20060705; US 6916054 B1 20050712; WO 0113756 A1 20010301

DOCDB simple family (application)
EP 99810749 A 19990820; AT 00951175 T 20000818; AU 6422500 A 20000818; CH 0000441 W 20000818; DE 50008523 T 20000818;
DE 59900807 T 19990820; EP 00951175 A 20000818; ES 00951175 T 20000818; JP 2001517904 A 20000818; US 4928902 A 20020211