

Title (en)
VICE-GRIP PLIERS

Title (de)
KLEMMZANGE

Title (fr)
PINCE-ETAU

Publication
EP 0837754 A1 19980429 (FR)

Application
EP 96925782 A 19960712

Priority
• FR 9601091 W 19960712
• FR 9508553 A 19950713

Abstract (en)
[origin: US6227080B1] Locking grips (1) designed so that their latch lock mechanism (8) cannot travel beyond a point of alignment of its three points but locks, slightly set back with respect to this alignment, by the snap-fastening of a relief (30) of a catch (28) borne by a lever (10) behind a tooth (19) of a front end of a link (13). The catch (28) forms a trigger (28A) which allows the locking grips to be opened in a controlled way after the lever (10) has been released.

IPC 1-7
B25B 7/12; **B25B 7/14**

IPC 8 full level
B25B 7/00 (2006.01); **B25B 7/12** (2006.01); **B25B 7/14** (2006.01); **B25B 7/18** (2006.01)

CPC (source: EP KR US)
B25B 7/00 (2013.01 - EP US); **B25B 7/12** (2013.01 - KR); **B25B 7/123** (2013.01 - EP US); **B25B 7/14** (2013.01 - EP US)

Citation (search report)
See references of WO 9702926A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6227080 B1 20010508; AT E215000 T1 20020415; AU 6617496 A 19970210; BR 9609627 A 19990406; CN 1061582 C 20010207; CN 1193295 A 19980916; DE 69620183 D1 20020502; DE 69620183 T2 20021114; EP 0837754 A1 19980429; EP 0837754 B1 20020327; ES 2175114 T3 20021116; FR 2736572 A1 19970117; FR 2736572 B1 19971003; JP H11509141 A 19990817; KR 19990028958 A 19990415; MX 9800351 A 19980731; WO 9702926 A1 19970130

DOCDB simple family (application)
US 98344799 A 19990205; AT 96925782 T 19960712; AU 6617496 A 19960712; BR 9609627 A 19960712; CN 96196269 A 19960712; DE 69620183 T 19960712; EP 96925782 A 19960712; ES 96925782 T 19960712; FR 9508553 A 19950713; FR 9601091 W 19960712; JP 50557197 A 19960712; KR 19980700260 A 19980113; MX 9800351 A 19980112