

Title (en)
Pliers with actuating lever

Title (de)
Wasserpumpenzange mit Betätigungshebel

Title (fr)
Pince avec levier d'actionnement

Publication
EP 2636489 A3 20140115 (DE)

Application
EP 13156907 A 20130227

Priority
DE 202012100825 U 20120308

Abstract (en)
[origin: EP2636489A2] The pliers i.e. water pump pliers (1), have forge-technical pliers arms (2, 3) rotatably connected with each other over a rotational axis (4). A saw tooth profile (16) is formed in an oblong hole (15). A locking part (19) is translatory moved in a release position in the hole and lockably arranged in a locking position by positive engagement in the profile. The locking part is held in the locking position by a spring force and moved from the lock position into the release position against the spring force by an actuating lever (18).

IPC 8 full level
B25B 7/10 (2006.01)

CPC (source: EP)
B25B 7/10 (2013.01)

Citation (search report)

- [X] DE 19806653 A1 19990819 - WEGERHOFF H ALARM WERKZEUG [DE]
- [X] EP 1052066 A2 20001115 - SUPER EGO TOOLS [ES]
- [A] DE 102005035019 A1 20060323 - PRIEBISCH TASSILO [DE]
- [A] DE 202004012545 U1 20041014 - PRIEBISCH TASSILO [DE]
- [A] DE 3207584 A1 19830915 - MICKENHAGEN ERNST
- [A] GB 2416510 A 20060201 - IRWIN IND TOOL CO [US]
- [A] DE 9113870 U1 19921210

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202012100825 U1 20130611; CN 103302606 A 20130918; CN 103302606 B 20150708; EP 2636489 A2 20130911; EP 2636489 A3 20140115; EP 2636489 B1 20141203; ES 2527278 T3 20150122

DOCDB simple family (application)
DE 202012100825 U 20120308; CN 201310073423 A 20130308; EP 13156907 A 20130227; ES 13156907 T 20130227