

Title (en)
PLIERS-LIKE TOOL

Publication
EP 0454189 A3 19920325 (DE)

Application
EP 91112205 A 19880126

Priority
• EP 91112205 A 19880126
• SE 8700382 A 19870202

Abstract (en)
[origin: EP0454189A2] The pliers tool has two operating handles (11B", 12B") controlling the relative displacement of two clamp plates, with a latch for securing the handles (11B", 12B") in the closed position. The latch uses a pivoted latch arm (150") attached to one handle (11B") and a cooperating latch element (3") pivoted to the second handle (12B") and acted on by a bias spring (116") for acting as a bistable trip. The latch arm (150") has two toothed latch forks (151a, 151b) selectively brought into engagement with a toothed operating element.

IPC 1-7
B25B 7/14

IPC 8 full level
B25B 7/16 (2006.01); **B25B 27/14** (2006.01)

CPC (source: EP)
B25B 7/14 (2013.01); **B25B 7/16** (2013.01)

Citation (search report)
• [X] DE 182722 C
• [Y] DE 6813287 U 19690604 - ROMMEL REINER [DE]
• [Y] FR 13868 E 19110725 - FERMETURES EN PLOMB DES [FR]
• [A] DE 2903252 A1 19800904 - AMPHENOL TUCHEL ELECT
• [A] DE 2606849 A1 19761028 - PRESSMASTER AG
• [A] US 2777345 A 19570115 - REIDER JR GEORGE S
• [AD] EP 0155031 A1 19850918 - WEIDMUELLER C A GMBH CO [DE]
• [A] GB 901091 A 19620711 - CARL THEODORE MARX
• [A] US 4561282 A 19851231 - HADDEN SR EDWARD L [US]
• [A] US 4170154 A 19791009 - IZRAELI HYMAN [US]
• [A] BE 888258 A 19810731 - PEEVER N V

Cited by
US6079639A; CN111856097A

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0454189 A2 19911030; EP 0454189 A3 19920325

DOCDB simple family (application)
EP 91112205 A 19880126