

Title (en)
VISE-GRIP PLIERS

Title (de)
KLEMMZANGE

Title (fr)
PINCE-ETAU

Publication
EP 1237681 A1 20020911 (FR)

Application
EP 00981445 A 20001120

Priority
• FR 0003220 W 20001120
• FR 9915692 A 19991213

Abstract (en)
[origin: WO0143921A1] The inventive vise-grip pliers comprise: a fixed assembly (2) consisting of a fixed jaw (4) at a front end (4) and a fixed handle (5) at a rear end; a mobile assembly (3) consisting of a moveable jaw (9) on the front end, mounted on the fixed assembly by means of a pivot (10), and a moveable handle (14) on a rear end; a knuckle joint (20) resting on a rear point (17) on the fixed assembly (2) and a front point (13) on the moveable jaw (9) being able to be actuated by the moveable handle (14); and at least one elongated hole (26) receiving the pivot (10) and comprising several notches (27,28) for positioning the latter. The elongated hole (26) has only two notches (27,28) a first notch (27) and a second notch (28) into which the pivot can pass from the first notch (27).
[origin: WO0143921A1] The inventive locking pliers comprise: a fixed assembly (2) consisting of a fixed jaw (4) at a front end (4) and a fixed handle (5) at a rear end; a mobile assembly (3) consisting of a moveable jaw (9) on the front end, mounted on the fixed assembly by means of a pivot (10), and a moveable handle (14) on a rear end; a knuckle joint (20) resting on a rear point (17) on the fixed assembly (2) and a front point (13) on the moveable jaw (9) being able to be actuated by the moveable handle (14); and at least one elongated hole (26) receiving the pivot (10) and comprising several notches (27,28) for positioning the latter. The elongated hole (26) has only two notches (27,28) a first notch (27) and a second notch (28) into which the pivot can pass from the first notch (27).

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IPC 8 full level
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B25B 7/10 (2013.01); **B25B 7/123** (2013.01)

Citation (search report)
See references of WO 0143921A1

Cited by
US10207394B2; US11154965B2; US11745313B2

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