

Title (en)
Grip pliers

Title (de)
Greifzange

Title (fr)
Pince de préhension

Publication
EP 2801444 B1 20191225 (DE)

Application
EP 14165070 A 20140417

Priority
DE 202013101985 U 20130507

Abstract (en)
[origin: CN104139347A] The invention relates to a gripping pliers with an adjustable hinge, which has plier arms coupled to each other via the adjustable hinge, each plier arm is divided into a handle section, a transition section and a head section with a gripping jaw, the transition section correspondingly adjacent to the second gripping jaw horizontally protrudes, the other transition section correspondingly adjacent to the first gripping jaw has an included angle between about 35 DEG to 55 DEG, S-shaped inner contours of the gripping jaws have tooth profiles with teeth when a parallelogram pliers jaw contacting with tips of the gripping jaws is formed, wherein the long inner contours of the pliers jaw are formed by the tooth profiles with the teeth having sides of different length in the longitudinal section, the short inner contours of the pliers jaw and the inner contours of the tips of the gripping jaws are formed by the tooth profiles with the teeth having sides of the same length in the longitudinal section, the long second tooth profile arranged in the second gripping jaw of the pliers jaw extends linearly, and the long first tooth profile in the first gripping jaw protrudingly extends towards the second tooth profile.

IPC 8 full level
B25B 7/02 (2006.01); **B25B 7/10** (2006.01)

CPC (source: CN EP)
B25B 7/02 (2013.01 - CN EP); **B25B 7/10** (2013.01 - CN EP)

Cited by
CN104985089A; US11541514B2; USD910395S; USD951731S; US11247308B2

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