

Title (en)
Crimping pliers.

Title (de)
Presszange.

Title (fr)
Pince à sertir.

Publication
EP 0058375 A1 19820825 (FR)

Application
EP 82100927 A 19820209

Priority
FR 8102650 A 19810211

Abstract (en)
[origin: US4433569A] Crimping tongs in particular for crimping a sleeve on a cable, said tongs having jaws coupled to each other so that one moves relatively to the other, a cam (15) driven by a ratchet wheel (16) which actuates a toggle joint device (20,21,22) a catch being installed on the moving handle (13) so as to drive the ratchet wheel step by step by moving the moving handle, the toggle joint device making the moving jaw (12) rotate in the closing direction. With a view to axial crimping, the moving jaw (12) has a moving die (14) which moves rectilinearly. A spring (25) biases the toggle joint to move the one jaw toward the other, and a trigger (19) is pressed to open the jaws sufficiently for insertion of a sleeve to be crimped. Releasing the trigger causes the jaws to hold the sleeve under the action of spring (25); so that the crimping action can be performed with one hand.

Abstract (fr)
Pince à sertir, notamment pour sertir un manchon sur un câble, comportant des mâchoires accouplées l'une à l'autre de manière que l'une soit mobile par rapport à l'autre, une came (15) entraînée par une roue à rochet (16) actionnant un dispositif à genouillère (20, 21, 22), un cliquet étant monté sur la poignée mobile (13) de façon à entraîner la roue à rochet pas à pas par déplacement de la poignée mobile, le dispositif à genouillère agissant sur la mâchoire mobile (12) dans le sens de la fermeture. En vue d'assurer un sertissage axial, la mâchoire mobile (12) comporte une matrice mobile (14) à déplacement rectiligne.

IPC 1-7
H01R 43/04; **B25B 7/12**

IPC 8 full level
B25B 7/12 (2006.01); **H01R 43/042** (2006.01)

CPC (source: EP US)
B25B 7/12 (2013.01 - EP US); **H01R 43/042** (2013.01 - EP US)

Citation (search report)
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