

Title (en)  
PORTABLE POWERED PLIERS FOR TIGHTENING CLAMP RINGS OR THE LIKE

Publication  
**EP 0274710 B1 19910515 (DE)**

Application  
**EP 87118827 A 19871218**

Priority  
IT 361586 A 19861218

Abstract (en)  
[origin: EP0274710A1] The portable crimping tongs for C-clips have a pair of cooperating jaws with recesses at their free ends for reception of the successive C-clips fed from a supply magazine via a feed plate. The plate is held in its foremost position to act as stop preventing the rear movement of the C-clip clamped between the crimping jaws. Reciprocating rods control the movement of the feed plate and the pivoting of the crimping jaws operated via double-action hydraulic cylinders or by a rack and pinion mechanisms. The mechanism is driven by a reversible AC motor via an electromagnetic clutch.

IPC 1-7  
**B25B 27/14**

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

CPC (source: EP US)  
**B25B 27/146** (2013.01 - EP US); **Y10T 29/53783** (2015.01 - EP US)

Cited by  
EP0648581A1; FR3009508A1; DE19652691A1; DE19542068A1; DE19542068C2; EP0519845A1; FR2677908A1; US5272811A; US9089959B2; DE102018103280B4

Designated contracting state (EPC)  
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**EP 0274710 A1 19880720; EP 0274710 B1 19910515**; AT E63492 T1 19910615; AU 1059388 A 19880715; AU 611124 B2 19910606; BR 8707591 A 19890314; CA 1296167 C 19920225; DE 3770143 D1 19910620; ES 2023881 B3 19920216; GR 3002471 T3 19921230; IT 1208136 B 19890606; IT 8603615 A0 19861218; MX 168952 B 19930615; US 4890474 A 19900102; WO 8804597 A1 19880630

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**EP 87118827 A 19871218**; AT 87118827 T 19871218; AU 1059388 A 19871218; BR 8707591 A 19871218; CA 554676 A 19871217; DE 3770143 T 19871218; EP 8700797 W 19871218; ES 87118827 T 19871218; GR 910401210 T 19910814; IT 361586 A 19861218; MX 966087 A 19871208; US 23355688 A 19880818