

Title (en)

WIRING TOOL FOR MAKING LOW-TENSION INSTALLATIONS

Publication

EP 0214619 A3 19890809 (DE)

Application

EP 86112238 A 19860904

Priority

- CH 390585 A 19850910
- CH 521485 A 19851206

Abstract (en)

[origin: EP0214619A2] The wiring tool consists of a wiring head (12) which is supported via an impact mechanism (20) in a grip (3) such that it can move relative to the grip, can be operated under the influence of a pressure exerted against spring devices (4, 10), and presses a wire into a contact slot in a terminal strip, from which wiring head (12) there protrudes on the inside a ram (2) whose inner end is detachably connected operatively to a slide (8) of the impact mechanism, which is loaded with a compression spring, via a locking slide (7) which can move laterally against the force of a spring (9). In this case, the design according to the invention is such that the locking slide (7) is arranged preferably with a 45 DEG inclination in front of the free end face (2') of the ram (2), provided with the same inclination, on a corresponding end-face sliding surface (8') of the slide (8), the locking slide (7) abutting with a sliding piece (21) onto an opposingly inclined guide surface (22) on the hand grip (3) to generate a transverse slip of the locking slide (7) in the event of axial slipping of the ram (2) until the release of the ram (2) occurs, causing sudden resetting, by entry into a cut-out (23) in the locking slide (7). These measures mean a decisive reduction in the wear on the impact mechanism.

IPC 1-7

H01R 43/01

IPC 8 full level

H01R 43/01 (2006.01)

CPC (source: EP)

H01R 43/015 (2013.01)

Citation (search report)

- [A] DE 2538558 A1 19760311 - TRW INC
- [A] US 3898724 A 19750812 - CONORICH THEODORE ALAN
- [A] FR 2122633 A5 19720901 - RELIABLE ELECTRIC CO

Cited by

DE19616912C1; EP0477930A3; EP0329917A1; US5613297A

Designated contracting state (EPC)

AT DE FR GB

DOCDB simple family (publication)

EP 0214619 A2 19870318; EP 0214619 A3 19890809; EP 0214619 B1 19940112; DE 3689531 D1 19940224

DOCDB simple family (application)

EP 86112238 A 19860904; DE 3689531 T 19860904