

Title (en)

Electrical terminal for a circuit breaker which terminal comprises an assembly device of the screw/nut type

Title (de)

Elektrische Anschlussbüchse für einen Lastschalter die mit einer Verbindungsvorrichtung des Schrauben-Mutter Typs versehen ist

Title (fr)

Borne électrique, notamment pour disjoncteur, utilisant un dispositif d'assemblage du type vis/écrou

Publication

EP 0758804 B1 20000315 (FR)

Application

EP 96410086 A 19960802

Priority

FR 9509895 A 19950811

Abstract (en)

[origin: EP0758804A1] The assembly device for terminals (4,4a,4b) of the circuit breaker, has each terminal constituted mainly by a metallic block (14) traversed by an elongated passage for a bar (10-12) of the circuit-breaker (D). The upper part has a threaded aperture for an Al or Cu bolt which ensures connection of one of the bars to the protected external circuit. At least part of the thread of the bolt and/or nut is covered with a composite metallic coating containing C particles. This lubricates the nut and bolt so that the torque necessary for tightening is reduced.

IPC 1-7

H01R 4/30; **H01H 71/08**

IPC 8 full level

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CPC (source: EP KR)

H01H 71/08 (2013.01 - EP KR); **H01R 4/307** (2013.01 - EP); **H01H 2001/5861** (2013.01 - EP)

Cited by

US8157603B2; US6769938B2; WO0180267A1

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DE ES GB IT

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EP 0758804 A1 19970219; **EP 0758804 B1 20000315**; CN 1147707 A 19970416; DE 69607084 D1 20000420; DE 69607084 T2 20000914; FR 2737757 A1 19970214; FR 2737757 B1 19970926; JP H09171755 A 19970630; KR 970012852 A 19970329

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