

Title (en)
Multiphase branch terminal

Title (de)
Mehrphasige Abzweigklemme

Title (fr)
Borne de branchement à phase multiple

Publication
EP 0599346 B1 19970702 (DE)

Application
EP 93119129 A 19931126

Priority
DE 4240001 A 19921127

Abstract (en)
[origin: EP0599346A2] The branch terminal (10) according to the invention has a split terminal body which engages around a cable and whose parts can be clamped together, and in which main contacts (20) are arranged, insulated from one another, with teeth (22) for penetrating the insulation of the phase conductors (84). Terminal parts are inserted into the terminal body, are assigned to the main contacts (20) and are used for connection of branch conductors (88), first and second housing halves (12, 14) being provided. A single through-bolt (70) is used as an operating device, passes through the terminal parts, and can be screwed from one housing half (12) into the other housing half (14). Drivers (46, 48) having a predetermined torque load capacity are provided between the through-bolt (70) and the terminal parts. When the through-bolt is tightened, the pairs of terminal parts are initially tightened, making contact with the branch conductors (88), and the housing halves (12, 14) are only then firmly tightened against one another by the through-bolt (70), making contact with the phase conductors (84). <IMAGE>

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IPC 8 full level
H01R 4/24 (2006.01); **H01R 4/30** (2006.01); **H01R 4/38** (2006.01); **H01R 9/03** (2006.01)

CPC (source: EP US)
H01R 4/2408 (2013.01 - EP US); **H01R 9/031** (2013.01 - EP)

Cited by
FR2817662A1; EP1089380A3; EP2871720A1; EP1513226A1; EP1691449A3; EP1691450A3; DE102006037720A1; EP1885025A3

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