

Title (en)
ELECTROMAGNETIC TRIP DEVICE FOR A LOW-VOLTAGE CIRCUIT BREAKER

Publication
EP 0309383 B1 19930428 (DE)

Application
EP 88730202 A 19880906

Priority
DE 3732256 A 19870922

Abstract (en)
[origin: EP0309383A1] It is intended to reduce the outlay required for the production of coils for electromagnetic trip devices. The coil (30) of an electromagnetic trip device (8) consists of a flexible, multi-wire conductor (cable 41), which, because of its flexibility, can be processed manually or by means of a manipulator. There is hence no requirement for the use of winding machines. In addition, components (10, 12) carrying the current path of a switching device (1) onwards can be connected to the ends of a coil conductor even before the coil (30) is wound. A sleeve body absorbs electrodynamic forces which result from short-circuit currents and stress the coil electro-dynamically. Low-voltage switching device of compact construction (MCCB). <IMAGE>

IPC 1-7
H01H 71/24

IPC 8 full level
H01H 71/24 (2006.01)

CPC (source: EP)
H01H 71/2481 (2013.01); **H01H 71/2472** (2013.01)

Cited by
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Designated contracting state (EPC)
DE FR IT

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EP 0309383 A1 19890329; EP 0309383 B1 19930428; DE 3732256 A1 19890406; DE 3880604 D1 19930603

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