

Title (en)

Trip lamina for single-pole circuit breakers.

Title (de)

Auslösezunge für einpolige Schutzschalter.

Title (fr)

Lamelle de déclenchement pour disjoncteurs monopolaires.

Publication

**EP 0020311 A1 19801210 (EN)**

Application

**EP 80830031 A 19800527**

Priority

IT 2320979 A 19790601

Abstract (en)

The present invention is related to a trip lamina employable for single-pole circuit breaker. The trip lamina (6) has an adequate thickness and is rendered very flexible because it is provided with shearings (13) intersecting its whole thickness and that are transversal to the longitudinal direction of the lamina itself, said shearings having their respective outlets alternatively on both the longitudinal edges of the trip lamina, the latter being provided with successive holes (14) having at least one side (15) directed transversely to the longitudinal direction and prolonged by a respective shearing (13), said shearings being so finely executed that their edges (13 min - 13 sec ) meet and rest one on top of the other to render said trip lamina resistant to the bending and compressive stress transmitted by the tip (5) of the latching cradle (4) of the circuit breaker.

IPC 1-7

**H01H 71/50**

IPC 8 full level

**H01H 3/46** (2006.01); **H01H 71/50** (2006.01)

CPC (source: EP)

**H01H 3/46** (2013.01); **H01H 71/50** (2013.01)

Citation (search report)

- US 2308401 A 19430112 - TAYLOR ELMER H
- US 2824191 A 19580218 - CHRISTENSEN PAUL M

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**EP 0020311 A1 19801210; EP 0020311 B1 19821229**; AT E2164 T1 19830115; BR 8002195 A 19801230; DE 3061494 D1 19830203; ES 255504 U 19811001; ES 255504 Y 19820401; IT 1121758 B 19860423; IT 7923209 A0 19790601; MX 148400 A 19830418

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**EP 80830031 A 19800527**; AT 80830031 T 19800527; BR 8002195 A 19800409; DE 3061494 T 19800527; ES 255504 U 19800228; IT 2320979 A 19790601; MX 18148780 A 19800310