

Title (en)
ELECTRIC POWER RESISTOR

Publication
EP 0307372 A3 19900117 (EN)

Application
EP 88830360 A 19880907

Priority
IT 2188787 A 19870911

Abstract (en)
[origin: EP0307372A2] The electric power resistor (1) particularly usable for electric resistances in general comprises a metallic plate (2) which has a plurality of cutouts (4,5) defining a plurality of non-encapsulated and mutually co-planar coils (3); the cutouts are arranged symmetrically with respect to the metallic plate and have, at their ends, an expanded region (6) having a substantially circular configuration adapted to allow an increase in the cross section affected by the flow of current between one coil and the next, drastically reducing the temperature of the so-called "hotpoints" together with the uniform longitudinal expansion of said metallic plate.

IPC 1-7
H01C 3/12

IPC 8 full level
H01C 3/12 (2006.01)

CPC (source: EP)
H01C 3/12 (2013.01)

Citation (search report)
• [A] DE 950867 C 19561018 - SACHSENWERK LICHT & KRAFT AG
• [A] DE 1665211 A1 19701008 - N IZSLEDOVATELSKI I PK I ELEKT

Cited by
CN105702400A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0307372 A2 19890315; EP 0307372 A3 19900117; EP 0307372 B1 19940309; DE 3888266 D1 19940414; DE 3888266 T2 19940811;
IT 1222646 B 19900905; IT 8721887 A0 19870911

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