

Title (en)
POWER RESISTOR

Title (de)
LEISTUNGSWIDERSTAND

Title (fr)
RÉSISTANCE DE PUISSANCE

Publication
EP 2215639 A1 20100811 (EN)

Application
EP 07843331 A 20070927

Priority
US 2007079685 W 20070927

Abstract (en)
[origin: WO2009041974A1] A power resistor includes first and second opposite terminations, a resistive element formed from a plurality of resistive element segments between the first and second opposite terminations, at least one segmenting conductive strip separating two of the resistive element segments, and at least one open area between the first and second opposite terminations and separating at least two resistive element segments. Separation of the plurality of resistive element segments assists in spreading heat throughout the power resistor. The power resistor or other electronic component may be packaged by bonding to a heat sink tab with a thermally conductive and electrically insulative material.

IPC 8 full level
H01C 1/01 (2006.01); **H01C 1/02** (2006.01); **H01C 1/08** (2006.01); **H01C 1/084** (2006.01); **H01C 7/00** (2006.01); **H01C 17/02** (2006.01); **H01C 17/24** (2006.01)

CPC (source: EP)
H01C 1/01 (2013.01); **H01C 1/02** (2013.01); **H01C 1/08** (2013.01); **H01C 1/084** (2013.01); **H01C 7/001** (2013.01); **H01C 17/02** (2013.01); **H01C 17/24** (2013.01)

Citation (search report)
See references of WO 2009041974A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2009041974 A1 20090402; CN 101855680 A 20101006; CN 101855680 B 20130619; EP 2215639 A1 20100811; HK 1149113 A1 20110923; JP 2010541235 A 20101224; JP 5665542 B2 20150204

DOCDB simple family (application)
US 2007079685 W 20070927; CN 200780101481 A 20070927; EP 07843331 A 20070927; HK 11103263 A 20110330; JP 2010526863 A 20070927