

Title (en)

Housing for electrical connectors

Title (de)

Gehäuse für elektrische Steckverbinder

Title (fr)

Boitier pour connecteur électrique

Publication

**EP 1401054 A1 20040324 (EN)**

Application

**EP 03028186 A 19990415**

Priority

- EP 99106269 A 19990415
- US 8209198 P 19980417
- US 16090098 A 19980925

Abstract (en)

The present invention relates to a housing for an electrical connector, said housing comprising: a electrically insulative body that extends along an imaginary longitudinal axis and defines i) a mating surface and a connector surface positioned generally perpendicular to said mating surface; ii) a contact receiving cavity that defines an opening at said mating surface, intersects the imaginary longitudinal axis of said body, and extends generally perpendicular to said mating surface; and iii) a heat dissipation opening defined by said planar surface of said body, said heat dissipation opening fluidly connected to said contact receiving cavity. <IMAGE>

IPC 1-7

**H01R 12/16**

IPC 8 full level

**H01R 12/16** (2006.01); **H01R 12/71** (2011.01)

CPC (source: EP)

**H01R 12/7088** (2013.01); **H01R 12/727** (2013.01)

Citation (search report)

- [YA] US 5549480 A 19960827 - CHENG LEE M [US]
- [Y] US 4494814 A 19850122 - OYAMA TERRELL A [US]
- [A] EP 0492944 A2 19920701 - AMP INC [US]
- [A] US 5664968 A 19970909 - MICKIEVICZ SCOTT KEITH [US]
- [A] US 5605476 A 19970225 - MCNAMARA DAVID M [US], et al
- [A] US 5403206 A 19950404 - MCNAMARA DAVID M [US], et al
- [A] US 4820169 A 19890411 - WEBER RONALD M [US], et al
- [A] US 5073127 A 19911217 - DALY JOHN K [US], et al

Cited by

CN103208694A

Designated contracting state (EPC)

BE CH DE DK ES FI FR GB IE IT LI NL SE

DOCDB simple family (publication)

**EP 1401054 A1 20040324**; **EP 1401054 B1 20050817**; EP 1401055 A1 20040324; EP 1401055 B1 20050907

DOCDB simple family (application)

**EP 03028186 A 19990415**; EP 03028187 A 19990415