

Title (en)
Rotary electric component

Title (de)
Drehbares elektrisches Bauteil

Title (fr)
Composant électrique rotatif

Publication
EP 1473746 A1 20041103 (EN)

Application
EP 04009957 A 20040427

Priority
• JP 2003123831 A 20030428
• JP 2004019834 A 20040128
• JP 2004036075 A 20040213

Abstract (en)
Four electrically independent sliders are separately embedded by insert molding near four different corners of a housing that is substantially square in plan view. The sliders extend to be spaced from one another in the circumferential direction of a rotary substrate that is accommodated in a circular recess of the housing. Two of the sliders are in sliding contact with a resistor pattern provided on the rotary substrate, and the remaining two sliders are respectively in sliding contact with electrodes patterns. <IMAGE>

IPC 1-7
H01H 19/58

IPC 8 full level
H01H 11/00 (2006.01); **H01H 19/58** (2006.01)

CPC (source: EP)
H01H 11/0056 (2013.01); **H01H 19/585** (2013.01)

Citation (search report)
• [A] US 4879803 A 19891114 - SEMURA NORIO [JP], et al
• [A] US 6340801 B1 20020122 - FUKUDA TETSUYA [JP], et al
• [A] US 5422448 A 19950606 - NAKANO KUNIIHIKO [JP], et al
• [A] DE 9011795 U1 19901129

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CN102157291A; CN102820159A

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
EP 1473747 A1 20041103; **EP 1473747 B1 20070613**; DE 602004002799 D1 20061130; DE 602004002799 T2 20070823; DE 602004006916 D1 20070726; DE 602004006916 T2 20080221; EP 1473746 A1 20041103; EP 1473746 B1 20061018; ES 2274339 T3 20070516; ES 2312875 T3 20090301

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