

Title (en)
Contact tongue for an electric switching device, method for producing an electric contact tongue and electric switching device with a contact tongue

Title (de)
Kontaktzunge für eine elektrische Schaltvorrichtung, Verfahren zum Herstellen einer elektrischen Kontaktzunge und elektrische Schaltvorrichtung mit einer Kontaktzunge

Title (fr)
Languette de contact pour un dispositif de commutation électrique, procédé de fabrication d'une languette de contact électrique et dispositif de commutation électrique doté d'une languette de contact

Publication
EP 2053619 A1 20090429 (DE)

Application
EP 09000781 A 20050930

Priority
• EP 05021540 A 20050930
• DE 102004047652 A 20040930

Abstract (en)
The tongue (2) has recesses (16) that are etched such that an end region (4) on both sides includes a contact layer and the etched recess. The recesses extend through the contact layer to a tongue body (2a). The recesses viewed in a projection and lying opposite to each other on a broadside are overlapped on a portion (16c), where the projection is aligned perpendicular to a contact surface. The recesses are displaceably arranged relative to each other along a longitudinal direction and/or a transverse direction of the tongue. The contact layer is formed of a thin film. Independent claims are also included for the following: (1) a method for producing electric dual-contact tongue (2) an electric high frequency-switching device with a contact tongue.

Abstract (de)
Eine elektrische Kontaktzunge (2) für eine elektrische Schaltvorrichtung (1), insbesondere eine Hochfrequenz-Schaltvorrichtung, besteht aus einem Zungenkörper (2a), der in seinem einen Endbereich eine Kontaktfläche (9) aufweist, in der wenigstens eine Vertiefung (16) angeordnet ist. Die Vertiefung (16) ist vorzugsweise als ein Durchgangsloch (16a) ausgebildet, durchdringt aber zumindest die Kontaktschicht an der Oberfläche.

IPC 8 full level
H01H 1/06 (2006.01); **H01H 11/04** (2006.01); **H01P 1/12** (2006.01)

CPC (source: EP)
H01H 1/06 (2013.01); **H01H 11/04** (2013.01)

Citation (applicant)
• DE 10103814 A1 20020829 - ROHDE & SCHWARZ [DE]
• DE 2637084 A1 19780223 - ROHDE & SCHWARZ
• JP S5767229 A 19820423 - MATSUSHITA ELECTRIC WORKS LTD

Citation (search report)
• [A] EP 0978855 A2 20000209 - ITT MFG ENTERPRISES INC [US]
• [A] GB 218191 A 19240703 - CHARLES OTWAY ALEXANDER, et al
• [A] EP 1431991 A2 20040623 - COM DEV LTD [CA]
• [A] FR 2714521 A1 19950630 - VALEO EQUIP ELECTR MOTEUR [FR]
• [A] US 2252899 A 19410819 - REYNOLDS JOHN N
• [A] DATABASE WPI Section EI Week 198633, Derwent World Patents Index; Class V03, AN 1986-216302, XP002360555
• [A] DATABASE WPI Section Ch Week 198222, Derwent World Patents Index; Class L03, AN 1982-44785E, XP002360558
• [A] DATABASE WPI Section Ch Week 197751, Derwent World Patents Index; Class M11, AN 1977-91360Y, XP002360557

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