

Title (en)
MICROWAVE SIGNAL SWITCH

Title (de)
SCHALTER FÜR HOCHFREQUENZSIGNALE

Title (fr)
COMMUTATEUR POUR SIGNAUX HYPERFREQUENCES

Publication
EP 0777918 B1 20001227 (FR)

Application
EP 96910994 A 19960328

Priority
• FR 9600471 W 19960328
• FR 9503613 A 19950328

Abstract (en)
[origin: WO9630961A1] A microwave signal switch with a metal housing containing an electrically conductive part and two electrically conductive pads each having a contact surface for contacting a facing surface on said part, said electrically conductive part being movable from a closed position in which it engages and electrically interconnects the contact surfaces of both pads, and an open position in which it is spaced apart from said contact surfaces. At least one of the contact surfaces (5) and/or the surface (9) of said electrically conductive part (3) are provided with projections (6) comprising, in a cross-sectional plane perpendicular to the contact surface, an acute-angled cross-section with a vertex angle (THETA) of less than 110 DEG and a radius of curvature of less than 0.05 mm.

IPC 1-7
H01P 1/12; **H01H 1/06**

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

CPC (source: EP)
H01H 1/06 (2013.01); **H01P 1/12** (2013.01)

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
WO 9630961 A1 19961003; CA 2191253 A1 19961003; DE 69611345 D1 20010201; DE 69611345 T2 20010719; EP 0777918 A1 19970611; EP 0777918 B1 20001227; FR 2732508 A1 19961004; FR 2732508 B1 19970509

DOCDB simple family (application)
FR 9600471 W 19960328; CA 2191253 A 19960328; DE 69611345 T 19960328; EP 96910994 A 19960328; FR 9503613 A 19950328