

Title (en)
High-frequency switching device

Title (de)
Hochfrequenz-Schaltvorrichtung

Title (fr)
Dispositif de commutation haute fréquence

Publication
EP 1445820 B1 20080326 (DE)

Application
EP 03026448 A 20031120

Priority
DE 10305302 A 20030210

Abstract (en)
[origin: EP1445820A1] The arrangement has a connecting line structure with an HF input for the HF signal, a low frequency input for a switching voltage and an HF output and at least two diode paths connected to the connecting line structure and each with a diode and line structure element. The line structure elements of the diode paths are spatially separated so that isolation between the line structure elements off the diode paths is greater than a defined threshold. The arrangement (100) has a connecting line structure (110) with an HF input (HF-E) for the HF signal, a low frequency input (NF-E) for a switching voltage and an HF output and at least two diode paths (120-1, 120-2) connected to the connecting line structure and each with a diode (120-1-2,120-2-2) and line structure element (120-1-1, 120-2-1). The line structure elements of the diode paths are spatially separated so that isolation between the line structure elements off the diode paths is greater than a defined threshold.

IPC 8 full level
H01P 1/15 (2006.01)

CPC (source: EP)
H01P 1/15 (2013.01)

Citation (examination)
JP H06232657 A 19940819 - NIPPON TELEGRAPH & TELEPHONE

Cited by
EP2717473A4; RU2627541C1; RU167594U1; RU2659302C1

Designated contracting state (EPC)
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