

Title (en)
High frequency switch

Title (de)
Hochfrequenz-Umschalter

Title (fr)
Commutateur haute fréquence

Publication
EP 1921706 B1 20090715 (DE)

Application
EP 07018310 A 20070918

Priority
DE 102006052433 A 20061107

Abstract (en)
[origin: EP1921706A1] The switch has a low-pass filter (TP), by which high frequency-signal with frequencies up to predetermined cut-off frequency are selectively switched to an output (A) or high-frequency branches, by which high frequency-signals of frequencies above the cut-off frequency are switched to the output. A switchable PIN-diode (30) directly switches the high frequency-signals to the output. Inductors (10, 11) of the low-pass filter operate only as a throttle that separates a low-frequency input (E1) from high-frequency inputs in a switching condition.

IPC 8 full level
H01P 1/15 (2006.01); **H01P 1/213** (2006.01)

CPC (source: EP)
H01P 1/15 (2013.01); **H01P 1/213** (2013.01)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1921706 A1 20080514; EP 1921706 B1 20090715; DE 102006052433 A1 20080508; DE 502007001063 D1 20090827

DOCDB simple family (application)
EP 07018310 A 20070918; DE 102006052433 A 20061107; DE 502007001063 T 20070918