

Title (en)
Interdigital coupler

Title (de)
Interdigitalkoppler

Title (fr)
Coupleur interdigital

Publication
EP 1032072 B1 20040915 (DE)

Application
EP 00103224 A 20000217

Priority
DE 19907622 A 19990223

Abstract (en)
[origin: EP1032072A1] The interdigital coupler has 4 gates (T1,T2,T3,T4) which are coupled via several parallel lines (L1,L2,L3,L4,L5), with a conductive air bridge (LB1,LB2,LB3,LB4) between each 2 lines which are not directly adjacent, for providing a galvanic connection between each 2 gates. An additional coupling line (KL) extends next to at least one of the outside lines (L3,L5), for connection to the same gate as the latter at one end and connection via a conductive air bridge with the next line but one at the other end.

IPC 1-7
H01P 5/18

IPC 8 full level
H01P 5/18 (2006.01)

CPC (source: EP)
H01P 5/186 (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1032072 A1 20000830; EP 1032072 B1 20040915; AT E276590 T1 20041015; BR 0000906 A 20001205; DE 19907622 A1 20000914; DE 19907622 C2 20021128; DE 50007717 D1 20041021

DOCDB simple family (application)
EP 00103224 A 20000217; AT 00103224 T 20000217; BR 0000906 A 20000223; DE 19907622 A 19990223; DE 50007717 T 20000217