

Title (en)
Exciter or feeder for a satellite antenna

Title (de)
Erreger- oder Speisevorrichtung für eine Satellitenantenne

Title (fr)
Illuminateur ou source pour une antenne satellite

Publication
EP 1043797 B1 20030924 (DE)

Application
EP 00105046 A 20000309

Priority
DE 19912262 A 19990318

Abstract (en)
[origin: EP1043797A1] The device has a waveguide (5,5') with at least one phase shifter (11) close by and at least one decoupling or compensating element (19,19') in the guide to improve and/or match the decoupling and/or to reduce the reflected energy of the incident electromagnetic waves. At least one additional decoupling or compensation element (19,19') is arranged in the guide offset w.r.t. the phase-shifting plane about the propagation direction or central longitudinal axis (25).

IPC 1-7
H01P 1/18

IPC 8 full level
H01P 1/18 (2006.01)

CPC (source: EP)
H01P 1/182 (2013.01)

Cited by
CN108539416A

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 1043797 A1 20001011; EP 1043797 B1 20030924; AT E250807 T1 20031015; DE 19912262 A1 20001012; DE 50003783 D1 20031030; ES 2204381 T3 20040501

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EP 00105046 A 20000309; AT 00105046 T 20000309; DE 19912262 A 19990318; DE 50003783 T 20000309; ES 00105046 T 20000309