

Title (en)
WAVE GUIDE SWITCH

Publication
EP 0147610 B1 19910116 (DE)

Application
EP 84113955 A 19841117

Priority
• DE 3346449 A 19831222
• DE 3416704 A 19840505

Abstract (en)
[origin: US4633201A] A waveguide switch includes housing walls defining a switch housing; at least two waveguide terminals provided in the housing walls; a rotor supported for rotation in the housing; at least one waveguide element contained in the rotor for coupling to one another at least two waveguide terminals in a predetermined angular operating position of the rotor; a motor for turning the rotor into the vicinity of a desired operating position and blocking assembly for arresting the rotor in the desired operating position. The blocking assembly and the rotor include a magnetic arrangement for turning the rotor from the vicinity of the desired operating position into the desired operating position by magnetic attraction.

IPC 1-7
H01P 1/12

IPC 8 full level
H01P 1/12 (2006.01)

CPC (source: EP US)
H01P 1/122 (2013.01 - EP US)

Cited by
US5039968A; US5012292A; US5973577A; DE3731348A1; EP0866512A3; WO8805965A1; WO8706063A1

Designated contracting state (EPC)
DE FR GB IT NL SE

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EP 0147610 A2 19850710; EP 0147610 A3 19860723; EP 0147610 B1 19910116; DE 3483959 D1 19910221; US 4633201 A 19861230

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EP 84113955 A 19841117; DE 3483959 T 19841117; US 68490184 A 19841221