

Title (en)

ELECTRONIC SCANNING DEVICE IN THE POLARISATION PLANE

Publication

EP 0039702 B1 19840201 (FR)

Application

EP 80902117 A 19801107

Priority

FR 7927873 A 19791113

Abstract (en)

[origin: WO8101486A1] Electronic scanning device of a beam emitted by a hyper frequency radiating source (6) in the plane parallel to the electric field (4) of the emitted radiation. The device is comprised of phase shifter panels (1a, 1b, 1c) associated and controlled so as to cause to the intercepted hyper frequency radiation a phase gradient in the direction of the electric field vector of said radiation. Electronic scanning device wherein the unitary phase shifter panels are joined side by side, superposed and controlled individually so as to obtain a phase shifting from 0 to 360° in the plane parallel to the electric field vector of the incident hyper frequency wave.

IPC 1-7

H01Q 3/46; **H01Q 3/38**

IPC 8 full level

H01Q 3/38 (2006.01); **H01Q 3/46** (2006.01)

CPC (source: EP US)

H01Q 3/38 (2013.01 - EP US); **H01Q 3/46** (2013.01 - EP US)

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WO 8101486 A1 19810528; DE 3066427 D1 19840308; EP 0039702 A1 19811118; EP 0039702 B1 19840201; FR 2469808 A1 19810522; FR 2469808 B1 19830923; US 4447815 A 19840508

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