

Title (en)
SELF-PROTECTED TRANSPORTABLE PLANAR ANTENNA ARRAY

Publication
EP 0286526 B1 19920603 (FR)

Application
EP 88400805 A 19880401

Priority
FR 8705106 A 19870410

Abstract (en)
[origin: EP0286526A1] The planar array antenna utilises a radiating structure consisting of a triplate line provided, on one of the conductor planes, with etched sources forming an array. <??>This structure is completed with two identical adhesively-bonded foam plates (2, 3) allowing the radiating structure to slide over the two conductor planes, each foam plate being covered with a thin rigid bonded plate. The plates thus affixed by bonding are chosen to be transparent to radiation and form a symmetrical structure the planeness and rigidity of which are ensured, self-protected, and the leaktightness of which is also ensured by means of a strapping system (11). <??>Application in particular to ground surveillance radar. <IMAGE>

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H01Q 1/38; **H01Q 21/06**

IPC 8 full level
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