

**A DIRECTIONAL ANTENNA SYSTEM AND A METHOD FOR PRODUCING A
PREDETERMINED BEAM PATTERN FOR A DIRECTIONAL ANTENNA**

ABSTRACT

A directional antenna system having a beam pattern for controlling directional sensitivity of the directional antenna comprises an omni-directional antenna and a number of active absorbers. The active absorbers are arranged around the omni-directional antenna and are switchable between an off state and an on state to vary the beam pattern. There is also disclosed a method for producing a predetermined beam pattern for a directional antenna.

[Fig. 2a]



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