

Title (en)
HIGH-EFFICIENCY ANTENNA

Publication
EP 0241921 B1 19920108 (FR)

Application
EP 87105544 A 19870414

Priority
FR 8605359 A 19860415

Abstract (en)
[origin: EP0241921A1] Antenna comprising a reflector (11) consisting of a base (8) and of walls (9) directed perpendicular to this base and of cylindrical shape, inside which is arranged a radiating device (10) in the direction perpendicular to this base. The radiating device (10) comprises at least one wire (21) helically wound on either side of the axis of symmetry of the reflector, which is the radiating axis (DELTA) of the said device, each wire being short-circuited to the reflector via its end situated on the base side of this reflector (11) and being fed via its other end. Application in particular to the field of array antennas. <IMAGE>

IPC 1-7
H01Q 11/08; **H01Q 19/185**

IPC 8 full level
H01Q 11/08 (2006.01); **H01Q 19/185** (2006.01)

CPC (source: EP)
H01Q 11/08 (2013.01); **H01Q 19/185** (2013.01)

Cited by
US6181297B1; US5170176A; US5945963A; EP0469741A1; US5191352A; US6300917B1; US6690336B1; US6369776B1; US6552693B1; WO9802936A1

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