

Title (en)
Phased array antenna

Title (de)
Phasengesteuerte Gruppenantenne

Title (fr)
Antenne en réseau commandée par phases

Publication
EP 2381531 B1 20150225 (DE)

Application
EP 11161985 A 20110412

Priority
DE 102010014916 A 20100414

Abstract (en)
[origin: EP2381531A1] The array antenna (1) has two single radiator elements (3) formed as flat ribbon conductors (4) with two strips arranged at a distance and parallel to each other. The strips have opposite inner surfaces that are coated with a material with high electrical conductivity. An intermediate insulator material is arranged between the strips, and a ratio of spacing of the strips to width of the strips is smaller than 0.1. Radiating ends (5) of the radiator elements lie in a common radiation plane, where the radiator elements form a supply network (2).

IPC 8 full level
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CPC (source: EP)
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