

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  
**H01Q 3/36** (2006.01); **H01P 3/02** (2006.01); **H01Q 13/08** (2006.01); **H01Q 21/00** (2006.01); **H01Q 21/06** (2006.01); **H01Q 21/24** (2006.01)

CPC (source: EP)  
**H01Q 3/36** (2013.01); **H01Q 13/08** (2013.01); **H01Q 21/0031** (2013.01); **H01Q 21/061** (2013.01); **H01Q 21/24** (2013.01)

Cited by  
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