

Title (en)  
CROSS ANTENNA COMPRISING LINEAR SUB-ANTENNAS AND ASSOCIATED PROCESSING

Title (de)  
KREUZANTENNE MIT LINEAREN SUB-ANTENNEN UND BEHANDLUNGSVORRICHTUNG HIERFÜR

Title (fr)  
ANTENNE CRUCIFORME A SOUS-ANTENNES LINEAIRES ET TRAITEMENT ASSOCIE

Publication  
**EP 1690320 A1 20060816 (FR)**

Application  
**EP 04805462 A 20041116**

Priority  
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Abstract (en)  
[origin: FR2862439A1] The antenna has two sub-antennas (2, 3), each with sensors (21-2M, 31-3N) to respectively form two line portions. Signal processing devices (6, 7) create useful signals by filtering noise from combined signals obtained from each portion. A calculation device (8) calculates correlation coefficients between the useful signals of the two portions, and creates a detection signal when a coefficient exceeds a preset threshold.

IPC 8 full level  
**H01Q 1/28** (2006.01); **G01V 3/12** (2006.01); **H01Q 1/32** (2006.01); **H01Q 21/28** (2006.01)

CPC (source: EP US)  
**H01Q 1/28** (2013.01 - EP US); **H01Q 1/32** (2013.01 - EP US); **H01Q 21/28** (2013.01 - EP US)

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