

Title (en)

Cross-polarised panel antenna system with variable electrical tilt

Title (de)

Flachantennensystem mit Kreuzpolarisation und variabler elektrischer Inklination

Title (fr)

Système d'antenne panneau à polarisation croisée et inclinaison électrique variable

Publication

EP 2750245 B1 20151216 (FR)

Application

EP 12306677 A 20121227

Priority

EP 12306677 A 20121227

Abstract (en)

[origin: EP2750245A1] The system (1) has two antennas panel units (2A, 2B) comprising TX/RX ports (6A, 6B), RX ports (7A, 7B) and two sets of aligned radiating elements with polarities. Two mechanical interfaces (8A, 8B) are connected to feeder systems (4A, 4B, 5A, 5B) of the radiating elements and to the TX/RX ports and the RX ports of the two antenna panel units. The mechanical interfaces are connected to two remote electrical tilt (RET) control units (9, 10). The RET control units are connected to an operation and maintenance center by two analog cables (11, 12), respectively.

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 3/04** (2006.01)

CPC (source: EP)

H01Q 1/246 (2013.01); **H01Q 3/04** (2013.01)

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