

Title (en)  
BROADBAND ANTENNA ARRANGEMENT

Title (de)  
BREITBANDIGE ANTENNENANORDNUNG

Title (fr)  
ENSEMBLE ANTENNE A LARGE BANDE

Publication  
**EP 1618627 A1 20060125 (DE)**

Application  
**EP 03714603 A 20030428**

Priority  
CH 0300275 W 20030428

Abstract (en)  
[origin: WO2004097984A1] The invention relates to a broadband, compact and robust antenna arrangement (40), for the frequency range from about 800 MHz up to several GHz, in particular, for use on railways, characterised by an emitter element (44), embodied as a monopole, extending in a longitudinal direction at a distance above a planar electrically-conducting baseplate (48), essentially parallel to the baseplate (48), between two opposing ends of the emitter element (44). Said element is electrically connected to the baseplate (48) at the first end thereof and comprises an injection point (42), insulated from the baseplate (48) at the second end thereof, by means of which the emitter element (44) may be connected to a device operating at high frequency.

IPC 1-7  
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IPC 8 full level  
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See references of WO 2004097984A1

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