

Title (en)  
Communication device for a railway vehicle

Title (de)  
Kommunikationsgerät für Schienenfahrzeuge

Title (fr)  
Dispositif de communication pour véhicule ferroviaire

Publication  
**EP 2006954 B1 20131009 (FR)**

Application  
**EP 08104085 A 20080526**

Priority  
FR 0703876 A 20070531

Abstract (en)  
[origin: EP2006954A1] The device has a waveguide (1) parallel to a track and provided with two emissive faces (6a, 6a) respectively pierced with two arrays of slots (8a, 8b) that respectively pass electromagnetic radiations in microwave frequency wavelengths. One emissive face of the waveguide is opposite to the other emissive face. A powering unit provides power to the waveguide, and a reception unit receives microwaves originating from the waveguide.

IPC 8 full level  
**H01Q 1/32** (2006.01); **B61L 3/22** (2006.01); **B61L 7/06** (2006.01)

CPC (source: EP)  
**B61L 3/227** (2013.01); **H01Q 1/3225** (2013.01)

Cited by  
CN103873119A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2006954 A1 20081224**; **EP 2006954 B1 20131009**; CN 101353046 A 20090128; CN 101353046 B 20130424; FR 2916907 A1 20081205; FR 2916907 B1 20100910; SG 148137 A1 20081231

DOCDB simple family (application)  
**EP 08104085 A 20080526**; CN 200810161122 A 20080530; FR 0703876 A 20070531; SG 2008040511 A 20080528