

Title (en)  
AUTOMOTIVE RADAR SYSTEM

Title (de)  
KRAFTFAHRZEUG-RADARSYSTEM

Title (fr)  
SYSTEME RADAR POUR VEHICULE AUTOMOBILE

Publication  
**EP 1157286 A1 20011128 (DE)**

Application  
**EP 00988558 A 20001103**

Priority  
• DE 0003861 W 20001103  
• DE 19963004 A 19991224

Abstract (en)  
[origin: DE19963004A1] The system has at least one transmitter and receiver element arranged in a casing, with at least one dielectric body (20) arranged in the beam path and at least one arrangement of electrically-conducting tracks (21) directly contacting the dielectric body, to heat it. The electrically-conducting tracks are made of a material with a positive temperature co-efficient. Preferably, the spacing of the electrically-conducting tracks is an odd multiple of the quarter wavelength of the transmitted waves in free space.

IPC 1-7  
**G01S 13/93**; H01Q 1/02; H01Q 1/42; H01Q 15/08

IPC 8 full level  
**B60R 21/00** (2006.01); **G01S 13/931** (2020.01); **G01S 7/03** (2006.01); **H01Q 1/02** (2006.01); **H01Q 1/42** (2006.01); **H01Q 3/26** (2006.01); **H01Q 15/00** (2006.01); **H01Q 15/08** (2006.01); **H01Q 19/06** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP US)  
**G01S 13/931** (2013.01 - EP US); **H01Q 1/02** (2013.01 - EP US); **H01Q 1/42** (2013.01 - EP US); **H01Q 3/2658** (2013.01 - EP US); **H01Q 15/0013** (2013.01 - EP US); **H01Q 15/08** (2013.01 - EP US); **H01Q 19/062** (2013.01 - EP US); **H01Q 25/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 0148511A1

Designated contracting state (EPC)  
DE FR SE

DOCDB simple family (publication)  
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