

Title (en)  
Antenna with injection moulded seal

Title (de)  
Antenne mit angespritzter Dichtung

Title (fr)  
Antenne à dispositif d'étanchéité surmoulé

Publication  
**EP 1429415 A3 20040929 (DE)**

Application  
**EP 03026347 A 20031118**

Priority  
• DE 10258102 A 20021211  
• DE 10311736 A 20030318

Abstract (en)  
[origin: EP1429415A2] The antenna (1) includes a metal base (2) and a plastics housing (3) surrounding antenna elements that are arranged on the base. The base includes a seal (8) arranged between the base and the housing, simultaneously sealing the base with respect to the vehicle interior. The seal is applied to the base using a spraying technique.

IPC 1-7  
**H01Q 1/12**; **H01Q 1/32**

IPC 8 full level  
**H01Q 1/12** (2006.01); **H01Q 1/32** (2006.01)

CPC (source: EP US)  
**H01Q 1/1214** (2013.01 - EP US); **H01Q 1/3275** (2013.01 - EP US)

Citation (search report)  
• [X] EP 0632520 A1 19950104 - MECANIPLAST [FR]  
• [X] DE 20212902 U1 20021024 - SIHN JR KG WILHELM [DE]  
• [X] EP 0862239 A1 19980902 - NIPPON ANTENA KABUSHIKI KAISYA [JP]  
• [A] FR 2575979 A1 19860718 - MECANIPLAST [FR]  
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EP1744396A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1429415 A2 20040616**; **EP 1429415 A3 20040929**; US 2004174311 A1 20040909; US 6999033 B2 20060214

DOCDB simple family (application)  
**EP 03026347 A 20031118**; US 73292203 A 20031210