

Title (en)  
MODULE, FILTER, AND ANTENNA TECHNOLOGY FOR MILLIMETER WAVES MULTI-GIGABITS WIRELESS SYSTEMS

Title (de)  
MODUL-, FILTER- UND ANTENNENTECHNOLOGIE FÜR DRAHTLOSE MILLIMETERWELLEN-MULTI-GIGABITS-SYSTEME

Title (fr)  
MODULE, FILTRE, ET TECHNOLOGIE D'ANTENNE POUR SYSTÈMES SANS FIL MULTI-GIGABITS, À ONDES MILLIMÉTRIQUES

Publication  
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Application  
**EP 06752085 A 20060504**

Priority  
US 2006016826 W 20060504

Abstract (en)  
[origin: WO2007130027A1] A method of fabricating an ultra-high frequency module is disclosed. The method includes providing a top layer; drilling the top layer; milling the top layer; providing a bottom; milling the bottom layer to define a bottom layer cavity; aligning the top layer and the bottom layer; and adhering the top layer to the bottom layer. The present invention also includes an ultra-high frequency module operating at ultra-high speeds having a top layer, the top layer defining a top layer cavity; a bottom layer, the bottom layer defining a bottom layer cavity; and an adhesive adhering both the top layer to the bottom layer, wherein the top layer and the bottom layer are formed from a large area panel of a printed circuit board.

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Citation (search report)  
• [A] US 6028489 A 20000222 - JUANG SHING-YEU [TW], et al  
• [A] JP 2001260274 A 20010925 - MITSUBISHI GAS CHEMICAL CO  
• [A] US 5888627 A 19990330 - NAKATANI SEIICHI [JP]  
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• See references of WO 2007130027A1

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**US 2006016826 W 20060504**; CN 200680055223 A 20060504; EP 06752085 A 20060504; JP 2009509507 A 20060504