

Title (en)  
ANTENNA BOOSTER

Title (de)  
ANTENNENVERSTÄRKER

Title (fr)  
AMPLIFICATEUR D'ANTENNE

Publication  
**EP 1685624 A1 20060802 (DE)**

Application  
**EP 04787160 A 20040917**

Priority  
• EP 2004052220 W 20040917  
• DE 10352290 A 20031108

Abstract (en)  
[origin: WO2005045996A1] Disclosed is an antenna booster (110) comprising at least one input (101) for connecting an antenna (100), at least one output (102) for connecting a receiver (120), and at least one means (112, 115) for adjusting the signal level between the input (101) and the output (102). In order to improve the signal-to-noise ratio especially in situations where a high-level noise signal is applied, a narrow-band filter (111) is disposed between the input (101) and the signal level-adjusting means (112, 115), the center frequency of the filter passband being modifiable and being tunable to the receive channel of the receiver (120).

IPC 8 full level  
**H01Q 23/00** (2006.01); **H01Q 1/32** (2006.01); **H04B 1/10** (2006.01); **H04B 1/18** (2006.01)

CPC (source: EP US)  
**H01Q 1/3208** (2013.01 - EP US); **H01Q 23/00** (2013.01 - EP US); **H04B 1/18** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005045996A1

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2005045996 A1 20050519**; BR PI0416293 A 20070123; CN 1875523 A 20061206; DE 10352290 A1 20050602; EP 1685624 A1 20060802; JP 2007535207 A 20071129; US 2007222524 A1 20070927

DOCDB simple family (application)  
**EP 2004052220 W 20040917**; BR PI0416293 A 20040917; CN 200480032579 A 20040917; DE 10352290 A 20031108; EP 04787160 A 20040917; JP 2006538832 A 20040917; US 57624204 A 20040917