

Title (en)  
APPARATUS AND METHODS FOR WIDEBAND SIGNAL PROCESSING

Title (de)  
VORRICHTUNGEN UND VERFAHREN ZUR BREITBANDSIGNALVERARBEITUNG

Title (fr)  
APPAREIL ET PROCEDES POUR LE TRAITEMENT DE SIGNAUX A BANDE LARGE

Publication  
**EP 1550205 A2 20050706 (EN)**

Application  
**EP 03759756 A 20031007**

Priority  
• US 0331789 W 20031007  
• US 41731102 P 20021008  
• US 30859302 A 20021203

Abstract (en)  
[origin: WO2004034565A2] An apparatus for electromagnetic processing comprises a modulator for generating one or more elements representative of an input signal; a divider controlled by the one or more elements and receiving an electromagnetic wave to generate a modified signal; a comparator for comparing the modified signal to a reference signal and for generating a processed signal based upon the comparison; and a channel number calculator for selecting a channel for the processed signal, wherein the input signal incorporates the channel selection.

IPC 1-7  
**H03C 3/09**

IPC 8 full level  
**H03C 3/09** (2006.01); **H04L 27/36** (2006.01)

CPC (source: EP KR)  
**H03C 3/09** (2013.01 - KR); **H03C 3/0925** (2013.01 - EP); **H03C 3/0933** (2013.01 - EP); **H04L 27/00** (2013.01 - KR); **H04L 27/361** (2013.01 - EP)

Citation (search report)  
See references of WO 2004034565A2

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)  
**WO 2004034565 A2 20040422; WO 2004034565 A3 20040722**; AU 2003275478 A1 20040504; AU 2003275478 A8 20040504;  
EP 1550205 A2 20050706; JP 2006502663 A 20060119; KR 20050083742 A 20050826

DOCDB simple family (application)  
**US 0331789 W 20031007**; AU 2003275478 A 20031007; EP 03759756 A 20031007; JP 2004543482 A 20031007; KR 20057006133 A 20050408