Title: METHOD AND DEVICE FOR BROADCAST IN POINT-TO-POINT PACKET NETWORKS

Abstract: The invention relates to a method, a broadcast management centre, a router, a host and a system for performing broadcast in a point-to-point oriented packet-switched telecommunication network. The basic idea is to use multicast for parts of the transmission within said telecommunication network. The multicast technique is used to send broadcast data to a geographical broadcast group to which a network node belongs. The network nodes are configured to a certain geographical broadcast group by the broadcast management centre.
Published:
— with international search report

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
### INTERNATIONAL SEARCH REPORT

**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC 7** H04L12/18 H04Q7/22

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**  
Minimum documentation searched (classification system followed by classification symbols)  
**IPC 7** H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO–Internal, PAJ, WPI Data, IBM-TDB, INSPEC, COMPENDEX

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category *</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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</table>
| X          | WO 99 59355 A (NOKIA NETWORKS OY)  
18 November 1999 (1999-11-18)  
page 7, line 18 -page 8, line 4  
page 11, line 11 -page 13, line 8 | 15                   |
| Y          | EP 1 071 296 A (ALCATEL)  
24 January 2001 (2001-01-24)  
paragraph ‘0022!’ - paragraph ‘0030!’ | 1-14, 16-19          |

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*Y* document member of the same patent family

**Date of the actual completion of the international search**  
2 July 2003

**Date of mailing of the international search report**  
09/07/2003

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