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- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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(54) **Title:** METHOD AND SYSTEM FOR COMMUNICATING DATA PACKETS

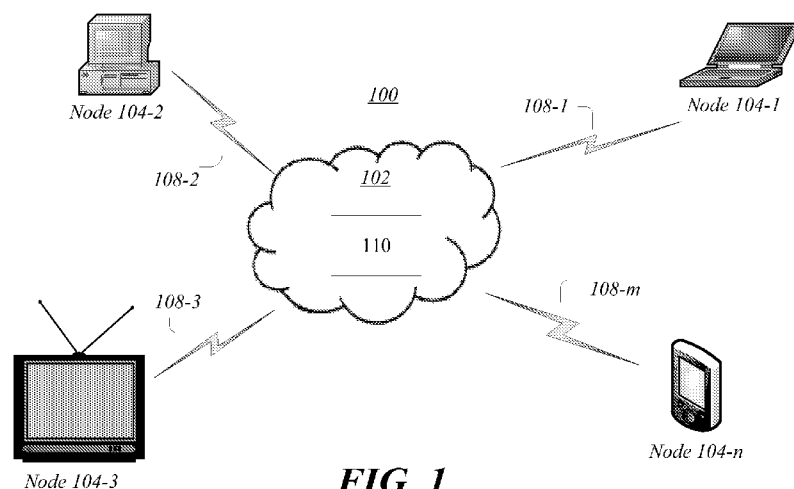


FIG. 1

(57) **Abstract:** A receiver of a communications system may comprise a memory to store one or more priority functions for data packets to be transmitted from a transmitting device to a receiving device, the priority function being based upon the size of a data packet. Other embodiments are described and claimed.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/042801**A. CLASSIFICATION OF SUBJECT MATTER****H04L 12/56(2006.01)i**

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)

H04L 12/56; H04W 72/12; H04W 72/10; H04L 12/28

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: priority, packet size, type, and similar terms.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 2005-0195821 A1 (SUK-JIN YUN et al.) 08 September 2005 See paragraph [0026] and claims 1,2.	1-3,6-20 4,5
Y A	KR 10-0664020 B1 (LG ELECTRONICS INC.) 03 January 2007 See abstract and claim 1.	1-3,6-20 4,5
A	US 2008-0192632 A1 (BADER ATTILA) 14 August 2008 See abstract and paragraphs [0002],[0023].	1-20
A	J.Y. LEE et al., 'Performance analysis of an input and output queueing packet switch with a priority packet discarding scheme', IEE Proceedings Volume 142 Issue 2, pp.67-74, 1995 See abstract and sections 1,2.	1-20

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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		GB 2437232 A	17.10.2007
		GB 2437232 B	20.08.2008
		US 7760644 B2	20.07.2010
		WO 2006-092645 A1	08.09.2006