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(71) Applicant *(for all designated States except US)*: **MOTOROLA, INC.,A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **FABIEN, Jean-Aicard** [US/US]; 48 Kings Cross Drive, Lincolnshire, Illinois 60069 (US). **GHOSH, Amitava** [US/US]; 3240 Indian Creek Drive, Buffalo Grove, Illinois 60089 (US). **RATASUK, Rapeepat** [TH/US]; 111 Kristin Circle, Schaumburg, Illinois 60195 (US).

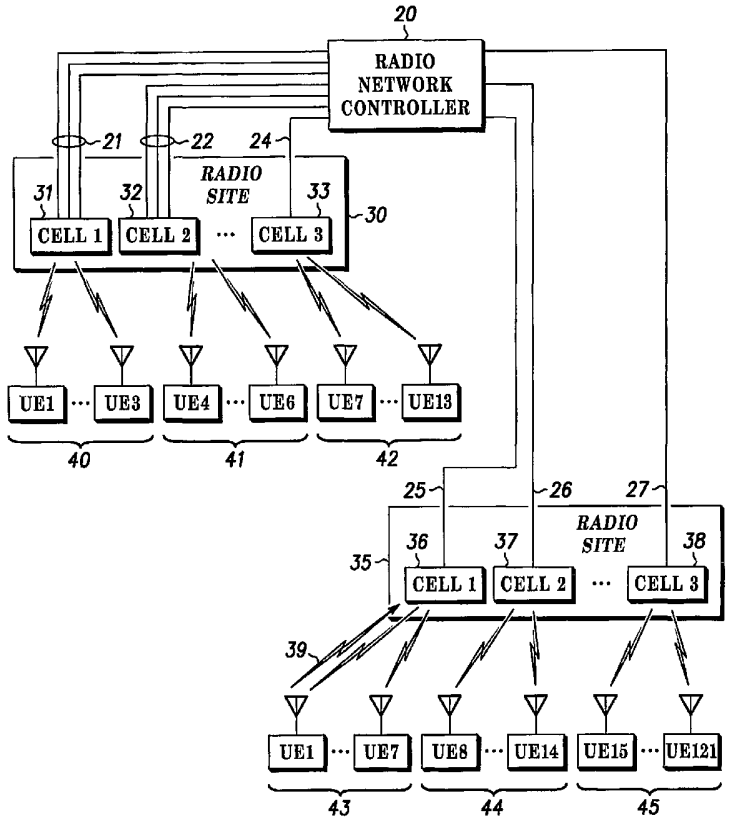
(74) Agents: **KOCH, William, Atty, E.** et al.; 3102 North 56th Street, AZ11/56-238, Phoenix, AZ 85018-6606 (US).

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(54) Title: POWER ALLOCATION METHOD FOR MULTICAST SERVICES



(57) Abstract: In a mobile telecommunication system (10), a number of user equipments (40-45) may receive multimedia broadcast multicast services. The method for power allocation and user assignment for MBMS services determines any number (K) of user equipments which may be served without complete cell area coverage (78). For more than K user equipments (40-45) requesting MBMS services, dedicated channels are assigned (84). For user equipments requesting MBMS service during a broadcast, such user equipment is assigned to the channel (broadcast or dedicated) with the lower power requirement, if power is available. If the user is assigned to the broadcast channel, and power is available, power of the broadcast channel is adjusted (108). Otherwise, the power of the broadcast channel is increased and no further power is indicated as being available (112).

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B. FIELDS SEARCHED

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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 practicable, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 2003/0134655 A1 (CHEN et al) 17 July 2003, see para 0022-0023	1-2,3-5,14 --- 6,8,9-13,16-26,28-30
Y	US 2002/0037729 A1 (KITAZAWA et al) 28 March 2002, see para 0050	6,8,9-13
Y,E	US 2004/0203336 A1 (SINNARAJAH et al) 14 October 2004, see para 87-90	9-13,15-23,24-28,30,31-34
Y	US 5870393 A (YANO et al) 09 February 1999, col 9, lines 36-47	15-23,24-26
Y,P	US 2004/0106423 A1 (MCGOWAN) 03 June 2004, see para 0032	27,28-30,31-34

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

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Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (571) 273-3201

Authorized officer
KENNETH A. WIEDER

Telephone No. 703 305-7608

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