

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 March 2006 (23.03.2006)

PCT

(10) International Publication Number
WO 2006/031445 A3

(51) International Patent Classification:
H04L 12/56 (2006.01)

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(21) International Application Number:
PCT/US2005/031032

(22) International Filing Date:
1 September 2005 (01.09.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/608,763 10 September 2004 (10.09.2004) US
11/202,974 12 August 2005 (12.08.2005) US

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
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OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,
SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

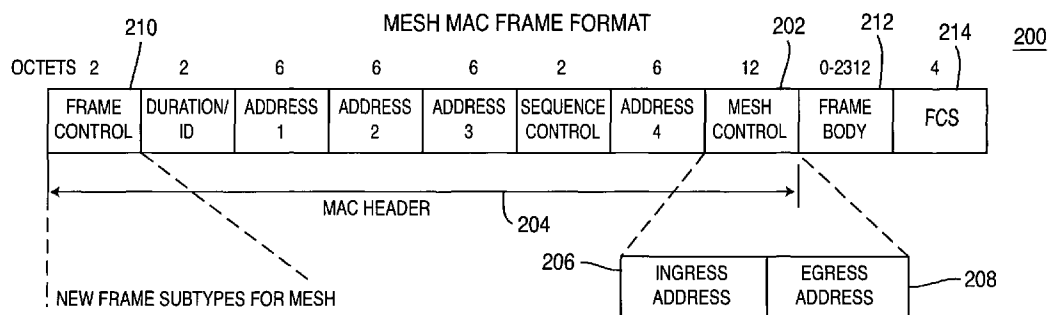
Published:

— with international search report

(88) Date of publication of the international search report:
20 July 2006

[Continued on next page]

(54) Title: METHOD FOR SENDING AN ACKNOWLEDGEMENT TO AN INGRESS MESH POINT IN A MESH NETWORK
AND A MEDIUM ACCESS CONTROL FRAME FORMAT



(57) Abstract: The present invention relates to a method for confirming the delivery of a data packet in a mesh network (100) by sending an acknowledgement to an ingress mesh point (104-4). A mesh network (100) comprises a plurality of mesh points (104) that are wirelessly linked together. A data packet sent by a station is received by an ingress mesh point (104-4). A MAC frame (200) is generated for transmission of the data packet and the frame is forwarded to an egress mesh point (104-2) in order to provide a service by the mesh network. The MAC frame (200) includes a field comprising an ingress mesh point address (206) and an egress mesh point (208) address. When the egress mesh point (104-2), receives a data packet successfully, the egress mesh point (104-2) or the intermediate mesh point (104-5) sends an ACK to the ingress mesh point (104-4) or preceding mesh point.

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