

Title (en)

METHODS AND APPARATUS FOR EXTENDING MOBILE IP

Title (de)

VERFAHREN UND VORRICHTUNGEN ZUR ERWEITERUNG VON MOBIL-IP

Title (fr)

PROCEDES ET APPAREIL D'EXTENSION IP MOBILE

Publication

EP 1623586 A4 20110216 (EN)

Application

EP 03776441 A 20031015

Priority

- US 0332884 W 20031015
- US 46551003 P 20030425

Abstract (en)

[origin: WO2004098113A2] Methods and apparatus facilitating mobile node paging in a system where a mobile node is able to hand off application processing to an application proxy are described. Paging determinations are made based on application processing results corresponding to processing the content of multiple packet payloads. In some cases paging determinations are made based on processing the payload of a single packet in conjunction with information received from a mobile node, e.g., intermediate application processing results, mobile node state information, etc. To facilitate application processing handoffs in a manner that is transparent to a peer node involved in an ongoing communications session with the mobile node, security information may be passed between the mobile node and the application proxy node in a manner that is transparent to the peer node allowing an end to end security association to be maintained throughout the communications session with the peer node.

IPC 8 full level

H04L 29/06 (2006.01); **H04L 29/08** (2006.01); **H04W 36/00** (2009.01); **H04W 4/16** (2009.01); **H04W 8/26** (2009.01); **H04W 64/00** (2009.01); **H04W 68/00** (2009.01); **H04W 80/00** (2009.01); **H04W 80/04** (2009.01)

CPC (source: EP)

H04L 63/0281 (2013.01); **H04L 67/14** (2013.01); **H04L 67/62** (2022.05); **H04L 67/63** (2022.05); **H04W 12/033** (2021.01); **H04L 63/0227** (2013.01); **H04L 63/04** (2013.01); **H04L 63/123** (2013.01); **H04L 69/329** (2013.01); **H04W 4/16** (2013.01); **H04W 8/26** (2013.01); **H04W 64/00** (2013.01); **H04W 68/00** (2013.01); **H04W 80/04** (2013.01)

Citation (search report)

- [X] WO 9931846 A1 19990624 - BRITISH TELECOMM [GB], et al
- [A] EP 1304835 A2 20030423 - CIT ALCATEL [FR]
- See references of WO 2004098113A2

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 2004098113 A2 20041111; **WO 2004098113 A3 20041229**; AU 2003284261 A1 20041123; AU 2003284261 A8 20041123; CA 2563750 A1 20041111; CA 2563750 C 20101221; CN 100579318 C 20100106; CN 1788508 A 20060614; EP 1623586 A2 20060208; EP 1623586 A4 20110216; JP 2006524924 A 20061102; JP 2011041284 A 20110224; JP 5199314 B2 20130515; KR 101040896 B1 20110616; KR 20060003900 A 20060111

DOCDB simple family (application)

US 0332884 W 20031015; AU 2003284261 A 20031015; CA 2563750 A 20031015; CN 200380110357 A 20031015; EP 03776441 A 20031015; JP 2004571459 A 20031015; JP 2010181400 A 20100813; KR 20057020319 A 20031015