

Title (en)  
APPARATUS AND METHOD FOR EFFICIENT GENERATION OF DELTA FILES FOR OVER-THE-AIR UPGRADES IN A WIRELESS NETWORK

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR EFFIZIENTEN ERZEUGUNG VON DELTA-DATEIEN FÜR AIR-FUNK-AUFRÜSTUNGEN IN EINEM DRAHTLOSEN NETZWERK

Title (fr)  
APPAREIL ET PROCEDE DE GENERATION EFFICACE DE FICHIERS DELTA POUR MISES A NIVEAU PAR VOIE AERIENNE DANS UN RESEAU SANS FIL

Publication  
**EP 1754322 A4 20120307 (EN)**

Application  
**EP 05749346 A 20050610**

Priority  

- KR 2005001760 W 20050610
- US 57868504 P 20040610
- US 57868404 P 20040610
- US 12566305 A 20050510
- US 12566505 A 20050510

Abstract (en)  
[origin: WO2005122439A1] A method of generating a composite delta file based on the differences between an original file and an upgraded file. The method comprises the steps of: 1) segmenting the original binary file into segments of size N; 2) segmenting the upgraded binary file into segments of size N; 3) detecting a first set of differences between a first segment from the original binary file and a first segment from the upgraded binary file; and 4) generating a first delta file from the detected first set of differences. The method further comprises the steps of: 4) detecting a second set of differences between a second segment from the original binary file and a second segment from the upgraded binary file; and 5) generating a second delta file from the detected second set of differences. The first and second delta files are combined to form the composite delta file.

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  

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- [A] SHAPIRA D ET AL: "In-place differential file compression of non-aligned files with applications to file distribution, backups, and string similarity", DATA COMPRESSION CONFERENCE, 2004. PROCEEDINGS. DCC 2004 SNOWBIRD, UT, USA MARCH 23-25, 2004, PISCATAWAY, NJ, USA, IEEE, 23 March 2004 (2004-03-23), pages 82 - 91, XP010692178, ISBN: 978-0-7695-2082-7, DOI: 10.1109/DCC.2004.1281453
- See references of WO 2005122439A1

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