

Title (en)

METHOD AND APPARATUS FOR VIDEO COMMUNICATION OVER A LIMITED BANDWIDTH MEDIUM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VIDEOKOMMUNIKATION ÜBER EIN MEDIUM BEGRENZTER BANDBREITE

Title (fr)

PROCEDE ET APPAREIL DE COMMUNICATION VIDEO AU MOYEN D'UN SUPPORT A LARGEUR DE BANDE LIMITEE

Publication

EP 1415402 A2 20040506 (EN)

Application

EP 02757055 A 20020807

Priority

- US 0225356 W 20020807
- US 92713201 A 20010810

Abstract (en)

[origin: WO03015293A2] A method and apparatus for creating intermediate image frames based on two or more successive captured image frames for transmission over a limited bandwidth medium, such as a telephone line. The intermediate image frames are constructed based on pixel information of portions that did change between two consecutive frames. The intermediate frames are constructed without the necessity of creating portions of the successive image frames that did not move or change. The created intermediate frames may be combined with originally captured frames to convey live video information to a user.

IPC 1-7

H04B 1/00

IPC 8 full level

H04N 7/26 (2006.01); **H04N 7/12** (2006.01); **H04N 7/14** (2006.01); **H04N 7/36** (2006.01); **H04N 7/46** (2006.01)

CPC (source: EP KR)

H04N 7/12 (2013.01 - EP); **H04N 7/15** (2013.01 - KR); **H04N 19/503** (2014.11 - EP); **H04N 19/537** (2014.11 - EP); **H04N 19/577** (2014.11 - EP); **H04N 19/58** (2014.11 - EP)

Citation (search report)

See references of WO 03015293A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03015293 A2 20030220; **WO 03015293 A3 20031204**; AU 2002323095 B2 20070913; BR 0211811 A 20040908; CA 2455501 A1 20030220; EP 1415402 A2 20040506; JP 2005517320 A 20050609; KR 20040035727 A 20040429; MX PA04001139 A 20050217

DOCDB simple family (application)

US 0225356 W 20020807; AU 2002323095 A 20020807; BR 0211811 A 20020807; CA 2455501 A 20020807; EP 02757055 A 20020807; JP 2003520095 A 20020807; KR 20047001995 A 20020807; MX PA04001139 A 20020807