

Title (en)  
VIDEO PROCESSING IN A MULTI-PARTICIPANT VIDEO CONFERENCE

Title (de)  
VIDEOVERARBEITUNG BEI VIDEOKONFERENZEN MIT MEHREREN TEILNEHMERN

Title (fr)  
TRAITEMENT VIDEO DANS UNE CONFERENCE VIDEO A MULTIPLES PARTICIPANTS

Publication  
**EP 1878229 A2 20080116 (EN)**

Application  
**EP 06758716 A 20060427**

Priority  

- US 2006016169 W 20060427
- US 11855305 A 20050428
- US 11861505 A 20050428

Abstract (en)  
[origin: WO2006116659A2] Some embodiments provide an architecture for establishing multi-participant video conferences. This architecture has a central distributor that receives video images from two or more participants. From the received images, the central distributor generates composite images that the central distributor transmits back to the participants. Each composite image includes a set of sub images, where each sub image belongs to one participant. In some embodiments, the central distributor saves network bandwidth by removing each particular participant's image from the composite image that the central distributor sends to the particular participant. In some embodiments, images received from each participant are arranged in the composite in a non-interleaved manner. For instance, in some embodiments, the composite image includes at most one sub-image for each participant, and no two sub-images are interleaved.

IPC 8 full level  
**H04N 7/15** (2006.01); **H04N 7/26** (2006.01)

CPC (source: EP)  
**H04N 7/15** (2013.01); **H04N 19/132** (2014.11); **H04N 19/523** (2014.11); **H04N 19/55** (2014.11); **H04N 19/57** (2014.11); **H04N 19/587** (2014.11); **H04N 19/70** (2014.11)

Cited by  
US8243905B2; US8861701B2; US8433755B2; US8433813B2; US7817180B2; US8638353B2; US7899170B2; US8594293B2; US7864209B2; US8456508B2; US8711736B2; US7949117B2; US8249237B2; US7653250B2; US7692682B2; US8269816B2; US8520053B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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