

Title (en)  
METHOD, MEDIUM, AND APPARATUS FOR PERSON-BASED PHOTO CLUSTERING IN DIGITAL PHOTO ALBUM, AND PERSON-BASED DIGITAL PHOTO ALBUMING METHOD, MEDIUM, AND APPARATUS

Title (de)  
VERFAHREN, MEDIUM UND VORRICHTUNG ZUM PERSONENBASIERTEN FOTOCLUSTERING IN EINEM DIGITALEN FOTOALBUM SOWIE VERFAHREN, MEDIUM UND VORRICHTUNG ZUR ERSTELLUNG EINES PERSONENBASIERTEN DIGITALEN FOTOALBUMS

Title (fr)  
PROCEDE, SUPPORT, ET APPAREIL POUR LE GROUPEGE DE PHOTOGRAPHIES BASEES SUR DES PERSONNES DANS UN ALBUM DE PHOTOGRAPHIES NUMERIQUES, ET PROCEDE, SUPPORT ET APPAREIL DE REALISATION D'ALBUM DE PHOTOGRAPHIES NUMERIQUES BASEES SUR DES PERSONNES

Publication  
**EP 1805684 A4 20081022 (EN)**

Application  
**EP 05856532 A 20051012**

Priority  
• KR 2005003401 W 20051012  
• US 61708604 P 20041012  
• KR 20050048399 A 20050607

Abstract (en)  
[origin: WO2006080755A1] A person-based digital photo clustering method, medium, and apparatus and a person-based digital photo albuming method, medium, and apparatus. The clustering method may include detecting a face area from photo data, extracting predetermined content-based face feature value information from the detected face area, obtaining person-based photo clustering hint information, and performing person-based clustering by applying photo clustering hint information to the extracted content-based face feature value information. The person-based digital photo albuming method may include generating photo description information for identifying at least a photo, generating albuming tool description information supporting person-based photo clustering and including at least a parameter for person-based photo clustering, performing photo albuming including person-based clustering by using at least photo description information and albuming tool description information, generating predetermined photo group description information from photo albumed data, and generating predetermined photo album information by using photo description information and photo group description information.

IPC 8 full level  
**G06F 19/00** (2006.01)

CPC (source: EP US)  
**G06F 16/55** (2018.12 - US); **G06F 16/58** (2018.12 - EP); **G06V 20/30** (2022.01 - EP); **G06V 40/172** (2022.01 - EP); **G06V 40/179** (2022.01 - EP)

Citation (search report)  
• [XY] EP 1004967 A1 20000531 - EASTMAN KODAK CO [US]  
• [XY] DAS M ET AL: "Automatic face-based image grouping for albuming", 2003 IEEE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN AND CYBERNETICS. SMC'03. CONFERENCE PROCEEDINGS. WASHINGTON, DC, OCT. 5 - 8, 2003; [IEEE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN, AND CYBERNETICS], NEW YORK, NY : IEEE, US, vol. 4, 5 October 2003 (2003-10-05), pages 3726 - 3731, XP010668196, ISBN: 978-0-7803-7952-7  
• [A] DAVIS M ET AL: "From Context to Content: Leveraging Context to Infer Media Metadata", ACM MULTIMEDIA, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE, NEW YORK, NY, US, 10 October 2004 (2004-10-10), pages 188 - 195, XP002395035  
• See references of WO 2006080755A1

Designated contracting state (EPC)  
CH DE FR GB LI NL

DOCDB simple family (publication)  
**WO 2006080755 A1 20060803**; EP 1805684 A1 20070711; EP 1805684 A4 20081022

DOCDB simple family (application)  
**KR 2005003401 W 20051012**; EP 05856532 A 20051012