

Title (en)
DEVICE CONTROL VIA IMAGE-BASED RECOGNITION

Title (de)
VORRICHTUNGSKONTROLLE DURCH BILDERKENNUNG

Title (fr)
CONTROLE DE DISPOSITIF PAR L'INTERMEDIAIRE D'UNE RECONNAISSANCE BASEE SUR L'IMAGE

Publication
EP 1329105 A2 20030723 (EN)

Application
EP 01974299 A 20010926

Priority
• EP 0111141 W 20010926
• US 68568300 A 20001010

Abstract (en)
[origin: WO0232136A2] A video device is coupled to an appliance controller, via an image-based user recognition application. When a particular user's face is recognized in the provided image, or sequence of images, a controller accesses a database containing a user profile corresponding to the recognized user. This user profile contains the user's preferences for presentation material, such as preferences for particular types of entertainment at particular times of the day. Based on the information in the user profile, the controller activates one or more devices, such as a television set or stereo set, and selects material for presentation to the user that is likely to coincide with the user's desires at that time.

IPC 1-7
H04N 7/16

IPC 8 full level
G06K 9/00 (2006.01); **G06T 1/00** (2006.01); **G06T 1/20** (2006.01); **G06T 7/00** (2006.01); **H04H 9/00** (2006.01); **H04H 60/45** (2008.01); **H04H 60/65** (2008.01); **H04N 7/16** (2006.01); **H04N 5/445** (2006.01)

IPC 8 main group level
H04H 1/00 (2006.01)

CPC (source: EP KR US)
G06F 18/00 (2023.01 - KR); **H04H 60/45** (2013.01 - EP); **H04H 60/65** (2013.01 - EP US); **H04N 7/163** (2013.01 - EP); **H04N 21/4223** (2013.01 - EP); **H04N 21/4415** (2013.01 - EP); **H04N 21/4532** (2013.01 - EP); **H04N 21/454** (2013.01 - EP); **H04N 21/4661** (2013.01 - EP)

Citation (search report)
See references of WO 0232136A2

Cited by
CN103634669A; US10795692B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0232136 A2 20020418; **WO 0232136 A3 20020627**; CN 1395797 A 20030205; EP 1329105 A2 20030723; JP 2004511870 A 20040415; KR 20020081220 A 20021026

DOCDB simple family (application)
EP 0111141 W 20010926; CN 01803050 A 20010926; EP 01974299 A 20010926; JP 2002535392 A 20010926; KR 20027007393 A 20020610