

Title (en)
DISPLAY POWER REDUCTION USING SEI INFORMATION

Title (de)
LEISTUNGSREDUZIERUNG EINER ANZEIGE MIT SEI-INFORMATIONEN

Title (fr)
RÉDUCTION DE PUISSANCE D’AFFICHEUR AU MOYEN D’INFORMATIONS SEI

Publication
EP 2839456 A4 20160224 (EN)

Application
EP 13778254 A 20130419

Priority

- US 201261636543 P 20120420
- US 201261636549 P 20120420
- US 201261636561 P 20120420
- US 201313793576 A 20130311
- KR 2013003363 W 20130419

Abstract (en)
[origin: WO2013157895A1] Segments for a video are transmitted in payload units with a supplemental enhancement information (SEI) message within which is embedded display adaptation information that may be employed to control display brightness and thereby reduce power consumption during display of the respective segment. The display adaptation information includes at least a maximum pixel brightness that may be used to scale pixel brightness to maximum and correspondingly reduce backlighting for liquid crystal displays, or to adjust the supply voltage for OLED displays. The display adaptation information may optionally include a minimum pixel brightness, a pixel histogram step size, and an indicator of scaling method.

IPC 8 full level
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CPC (source: EP)
G06F 1/3265 (2013.01); **G06F 3/147** (2013.01); **G09G 5/10** (2013.01); **H04N 19/46** (2014.11); **H04N 19/70** (2014.11); **H04N 21/23614** (2013.01); **H04N 21/435** (2013.01); **H04N 21/4436** (2013.01); **H04N 21/6547** (2013.01); **G06F 3/14** (2013.01); **G09G 3/3413** (2013.01); **G09G 3/3611** (2013.01); **G09G 2320/0613** (2013.01); **G09G 2320/0626** (2013.01); **G09G 2320/0646** (2013.01); **G09G 2330/021** (2013.01); **G09G 2340/02** (2013.01); **G09G 2360/16** (2013.01); **G09G 2370/022** (2013.01); **Y02D 10/00** (2017.12)

Citation (search report)

- [XYI] EP 2299725 A2 20110323 - SONY CORP [JP]
- [IY] EP 2378508 A1 20111019 - KONINKL PHILIPS ELECTRONICS NV [NL]
- [IY] US 2007183678 A1 20070809 - SANKAR ANANTH [US], et al
- [IY] US 2009226152 A1 20090910 - HANES BRETT E [US]
- [I] WO 2009126124 A1 20091015 - MOXAIR INC [US], et al
- See references of WO 2013157895A1

Designated contracting state (EPC)
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DOCDB simple family (application)
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