

Title (en)

Compression of image data associated with two-dimensional arrays of pixel sub-components

Title (de)

Komprimierung von Bilddaten, die sich auf zweidimensionale Anordnungen von Bildpunkt-Teilkomponenten beziehen

Title (fr)

Compression de données d'image associées aux reseaux bidimensionnels de sous-composants de pixels

Publication

EP 1557813 A3 20090722 (EN)

Application

EP 05007975 A 20000201

Priority

- EP 00907106 A 20000201
- US 11804899 P 19990201

Abstract (en)

[origin: WO0045368A1] LCD Display device (320) with increased horizontal and vertical resolution. The horizontal resolution is increased by mapping spatially different sets of one or more samples to individual pixel sub-components (302, 304, 306). The vertical resolution is increased by increasing the number of pixel sub-component density in the vertical dimension. Image data compression is performed by controlling sets of vertically adjacent pixels (C1, R1) using red, green, and blue luminous intensity values and a bias value of the pixel sub-components (302, 304, 306, 312, 314, 316).

IPC 8 full level

G06T 1/00 (2006.01); **G09G 5/10** (2006.01); **G06T 3/40** (2006.01); **G09G 3/20** (2006.01); **G09G 3/36** (2006.01); **G09G 5/00** (2006.01); **G09G 5/24** (2006.01); **G09G 5/28** (2006.01); **H04N 1/387** (2006.01); **H04N 1/46** (2006.01); **H04N 9/64** (2006.01)

CPC (source: EP)

G09G 3/20 (2013.01); **G09G 3/2003** (2013.01); **G09G 3/3611** (2013.01); **G09G 3/2074** (2013.01); **G09G 2300/0443** (2013.01); **G09G 2300/0452** (2013.01); **G09G 2320/02** (2013.01); **G09G 2340/02** (2013.01); **G09G 2340/0414** (2013.01); **G09G 2340/0428** (2013.01); **G09G 2340/0457** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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