

Title (en)

WIDE DYNAMIC RANGE IMAGE SENSOR

Publication

EP 0431010 A4 19921209 (EN)

Application

EP 89909491 A 19890802

Priority

- IL 8730788 A 19880802
- IL 9109589 A 19890724

Abstract (en)

[origin: WO9001844A1] An abstract sensor array (10) includes adaptive sensitivity control circuitry (12) for obtaining multiple outputs at different exposure levels. These are combined to yield an output with enhanced dynamic range. This enhanced dynamic range may be reduced in a manner which preferentially retains edge information in order to maintain high contrast.

IPC 1-7

H04N 5/238

IPC 8 full level

H04N 5/345 (2011.01); **H04N 5/355** (2011.01)

CPC (source: EP)

H04N 25/443 (2023.01); **H04N 25/57** (2023.01); **H04N 25/583** (2023.01)

Citation (search report)

- [YD] US 4706123 A 19871110 - CHAITEMPS JACQUES [FR]
- [Y] US 4584606 A 19860422 - NAGASAKI TATSUO [JP]
- [Y] GB 2175173 A 19861119 - FUJI PHOTO FILM CO LTD
- PATENT ABSTRACTS OF JAPAN, vol. 9, no. 140 (E-321)[1863], 14th June 1985; & JP-A-60 22 879 (NIPPON HOSO KYOKAI) 05-02-1985
- PROCEEDINGS OF THE 5TH MIT CONFERENCE ON ADVANCED RESEARCH IN VLSI, Cambridge, MA, March 1988, pages 259-275; S.P. DeWEERTH et al.: "A two-dimensional visual tracking array"
- See also references of WO 9001844A1

Designated contracting state (EPC)

CH DE FR GB LI NL

DOCDB simple family (publication)

WO 9001844 A1 19900222; EP 0431010 A1 19910612; EP 0431010 A4 19921209

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