

Title (en)

Apparatus and methods for selective imaging in nonemissive display systems

Title (de)

Vorrichtung und Verfahren zur selektiven Bilderzeugung in einem nicht-emitierenden Anzeigesystem

Title (fr)

Appareil et procédé pour la formation sélective d'images dans un dispositif d'affichage non émissif

Publication

EP 0971336 A2 20000112 (EN)

Application

EP 99305485 A 19990709

Priority

US 11368198 A 19980710

Abstract (en)

A writing head (100) capable of rapidly and efficiently generating high field gradients while remaining amenable to low-voltage control utilises a piezoelectric (110) or Rosen transformer. A one- or two- dimensional array of such writing heads may be used to address a substrate (127) bearing an arrangement of electrically responsive, nonemissive display elements (125), applying an image pattern thereto. Similarly, the array of writing heads can be used to remove an image, returning the substrate (127) to its original unimaged state. <IMAGE>

IPC 1-7

G09G 3/34

IPC 8 full level

G09F 9/37 (2006.01); **G09G 3/20** (2006.01); **G09G 3/34** (2006.01)

CPC (source: EP US)

G09F 9/372 (2013.01 - EP); **G09G 3/03** (2020.08 - EP US); **G09G 3/344** (2013.01 - EP US); **G09G 2380/02** (2013.01 - EP US)

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0971336 A2 20000112; EP 0971336 A3 20000405

DOCDB simple family (application)

EP 99305485 A 19990709