

Title (en)

DIGITAL IMAGE CAPTURE AND PROCESSING SYSTEMS FOR SUPPORTING 3D IMAGING VOLUMES IN RETAIL POINT-OF-SALE ENVIRONMENTS

Title (de)

SYSTEM ZUR AUFNAHME UND VERARBEITUNG VON DIGITALBILDERN FÜR DIE UNTERSTÜTZUNG VON 3D-BILDGEBUNGSVOLUMEN AN EINZELHANDELSVERKAUFSORTEN

Title (fr)

SYSTÈMES DE CAPTURE ET DE TRAITEMENT D'IMAGES NUMÉRIQUES POUR LE SUPPORT DE VOLUMES D'IMAGERIE TRIDIMENSIONNELLE DANS DES ENVIRONNEMENTS DE POINT DE VENTE AU DÉTAIL

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Application

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- US 71187007 A 20070227
- US 71190707 A 20070227
- US 71185807 A 20070227
- US 71185907 A 20070227
- US 71185707 A 20070227
- US 71190607 A 20070227
- US 71187107 A 20070227
- US 71258807 A 20070228
- US 71260507 A 20070228
- US 71353507 A 20070302
- US 71378507 A 20070302
- US 72965907 A 20070329
- US 72952507 A 20070329
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- US 81043707 A 20070329
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- US 73190507 A 20070330
- US 73186607 A 20070330
- US 78876907 A 20070420
- US 80923807 A 20070531
- US 80917407 A 20070531
- US 80924007 A 20070531
- US 80917307 A 20070531
- US 82001007 A 20070615
- US 82049707 A 20070619

Abstract (en)

[origin: WO2008011067A2] Digital image capture and processing systems and methods for generating and projecting coplanar illumination and imaging planes and/or coextensive area-type illumination and imaging zones, through one or more imaging windows, and into a 3D imaging volume in a retail POS environments, while employing automatic object motion and/or velocity detection, real-time image analysis and other techniques to capture and processing high-quality digital images of objects passing through the 3D imaging volume, and intelligently controlling and/or managing the use of visible and invisible forms of illumination, during object illumination and imaging operations, that might otherwise annoy or disturb human operators and/or customers working and/or shopping in such retail environments.

IPC 8 full level

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See references of WO 2008011067A2

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