Title (en)
PROTECTOR DEVICE USER INTERFACE SYSTEM

Title (de)
SCHUTZEINRICHTUNGS-BENUTZEROBERFLÄCHENSYSTEM

Title (fr)
SYSTEME D'INTERFACE UTILISATEUR CONNECTE A UN DISPOSITIF DE PROJECTION

Publication
EP 1636647 A4 20091028 (EN)

Application
EP 04753970 A 20040601

Priority
• US 2004017252 W 20040601
• US 47450103 P 20030529

Abstract (en)
[origin: WO2004109453A2] In a computing device, a method of updating over a network a set of executable instructions stored on an image-rendering device is disclosed, wherein the image-rendering device is operably associated with a projection device. The method includes detecting a version of the set of executable instructions on the image-rendering device, and sending an updated set of the executable instructions to the image-rendering device over the network.

IPC 8 full level
G03B 21/26 (2006.01); **G03B 21/00** (2006.01); **G06F 3/14** (2006.01); **H04N 9/31** (2006.01)

IPC 8 main group level
G06F (2006.01)

CPC (source: EP)
G06F 3/14 (2013.01); **G09B 5/06** (2013.01)

Citation (search report)
• [X] EP 1227677 A2 20020731 - MITSUBISHI ELECTRIC CORP [JP]
• [X] US 6437786 B1 20020820 - YASUKAWA MASAAKI [JP]
• [PX] EP 1392058 A1 20040225 - LITE ON TECHNOLOGY CORP [TW]
• [X] US 6509910 B1 20030121 - AGARWAL NAVEEN [US], et al
• See references of WO 2004111769A2

Citation (examination)
• EP 1649321 A2 20060426 - INFOCUS CORP [US]
• EP 1244005 A2 20020925 - SEIKO EPSON CORP [JP]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004109453 A2 20041216; **WO 2004109453 A3 20050707**; CN 100594423 C 20100317; CN 101763235 A 20100630; CN 102591607 A 20120718; CN 102591607 B 20141126; CN 1829941 A 20060906; CN 1829941 B 20110309; CN 1829942 A 20060906; EP 1636647 A2 20060322; EP 1636647 A4 20091028; EP 1654589 A2 20060510; EP 1654589 A4 20091028; JP 2007516506 A 20070621; JP 2010287222 A 20101224; JP 2011170837 A 20110901; JP 2011210256 A 20111020; JP 4692487 B2 20110601; JP 5278422 B2 20130904; WO 2004111769 A2 20041223; WO 2004111769 A3 20051215

DOCDB simple family (application)
US 2004017253 W 20040601; CN 200480021929 A 20040601; CN 200480021930 A 20040601; CN 201010005270 A 20040601; CN 201110402417 A 20040601; EP 04753970 A 20040601; EP 04753971 A 20040601; JP 2006533544 A 20040601; JP 2010117104 A 20100521; JP 2010285537 A 20101222; JP 2011056351 A 20110315; US 2004017252 W 20040601