Title (en)
BUILDING MACRO ELEMENTS FOR PRODUCTION AUTOMATION CONTROL

Title (de)
AUFBAU VON MAKROELEMENTEN ZUR PRODUKTIONSAUTOMATISIERUNGSSTEUERUNG

Title (fr)
CONSTRUCTION DE MACRO-ELEMENTS POUR LA PRODUCTION DE COMMANDE D'AUTOMATISMES

Publication
EP 1629349 A4 20100113 (EN)

Application
EP 04751740 A 20040510

Priority
• US 2004014509 W 20040510
• US 46897203 P 20030509

Abstract (en)
[origin: WO2004102343A2] A macro element template is replicated to build a macro element library. A macro element is associated with executable instructions for controlling a plurality of production devices to produce a special effect or segment of a media production. One or more automation control objects are positioned onto a control interface to build a macro element template. Build information is associated with each automation control object to assign a variable name, device type, property page field(s), and variable naming table. A replicator control interface allows a range of sources to be assigned to the macro element template, and is associated with executable instructions for building the macro element library. The macro element library includes user-defined filenames that enables a director to quickly search and select a desired macro element. Changes in production values ripple throughout the macro element library to dynamically update the macro elements.

IPC 8 full level
G11B 27/02 (2006.01); **G06Q 10/00** (2012.01)

IPC 8 main group level
G06F (2006.01)

CPC (source: EP)
G06Q 10/06 (2013.01)

Citation (search report)
• [I] US 2002109710 A1 20020815 - HOLTZ ALEX [US], et al
• [I] WO 02087244 A1 20021031 - PARKERVISION INC [US]
• [I] US 5307456 A 19940426 - MACKAY MICHAEL T [US]
• See references of WO 2004102343A2

Citation (examination)
US 2003045950 A1 20030306 - BRONIKOWSKI JOSEPH T [US], et al

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 2004102343 A2 20041125; **WO 2004102343 A3 20090402**; CA 2523947 A1 20041125; CA 2523947 C 20150331; CN 101410796 A 20090415; CN 101410796 B 20120118; EP 1629349 A2 20060301; EP 1629349 A4 20100113; JP 2007518288 A 20070705; JP 4503609 B2 20100714

DOCDB simple family (application)
US 2004014509 W 20040510; CA 2523947 A 20040510; CN 200480012631 A 20040510; EP 04751740 A 20040510; JP 2006532902 A 20040510