

Title (en)
PRINT ENGINE CONTROL SYSTEM

Title (de)
DRUCKGERÄT-STEUERUNGSSYSTEM

Title (fr)
SYSTEME DE COMMANDE DE MOTEURS D'IMPRESSION

Publication
EP 1208531 A1 20020529 (EN)

Application
EP 00953342 A 20000816

Priority
• GB 0003173 W 20000816
• US 37510099 A 19990816

Abstract (en)
[origin: WO0113328A1] A control system capable of being connected to a plurality of printers (30), said printers (30) employing print engines (30) of the same or different configurations, and using the same or different data protocols, each printer (30) including a print head controlled by the associated print engine (30) to mark a substrate, at least one of said print head and said substrate moving relative to the other at a rate which is not controlled by said control system or said printer (30), said control system comprising: a) an image processor (20) capable of generating image data in more than one protocol representing individual pixels or vectors to be marked on said substrate; b) a synchronization signal generator (24, 72) for generating synchronization signals representative of the relative location of said print head and said substrate; and c) an interface connecting said image processor (20) and said synchronization signal generator (24, 72) to said print engine (30), and allowing said image data and synchronization signals to be transferred to said print engine (30), said interface accommodating different print engine protocols, thereby to allow various print engines (30) to be interfaced to the same control system.

IPC 1-7
G06K 15/16; G03G 15/00

IPC 8 full level
B41J 29/38 (2006.01); **B41J 3/407** (2006.01); **B41J 5/30** (2006.01); **G06F 3/12** (2006.01); **G06K 15/00** (2006.01); **H04N 1/23** (2006.01)

CPC (source: EP)
G06K 15/00 (2013.01); **H04N 1/2307** (2013.01); **H04N 1/2346** (2013.01); **H04N 1/2361** (2013.01); **G06K 2215/0002** (2013.01); **G06K 2215/0082** (2013.01); **H04N 2201/0471** (2013.01); **H04N 2201/04724** (2013.01)

Citation (search report)
See references of WO 0113328A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0113328 A1 20010222; AU 6585300 A 20010313; CA 2383139 A1 20010222; CN 1378678 A 20021106; EP 1208531 A1 20020529; JP 2003507217 A 20030225

DOCDB simple family (application)
GB 0003173 W 20000816; AU 6585300 A 20000816; CA 2383139 A 20000816; CN 00814025 A 20000816; EP 00953342 A 20000816; JP 2001517347 A 20000816