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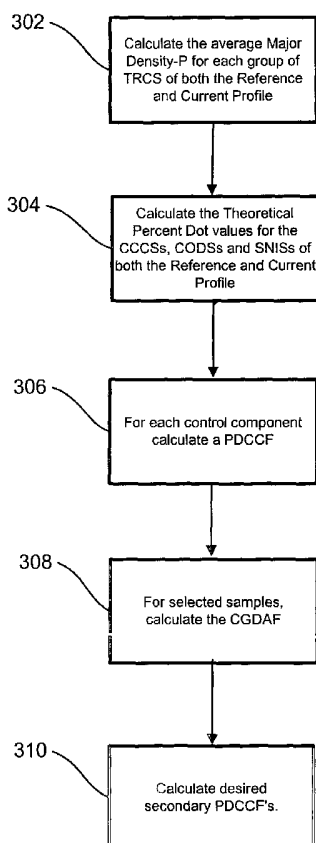
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[Continued on next page]

(54) Title: SYSTEM ADMIXTURE COMPENSATION SYSTEM AND METHOD



(57) Abstract: A method provides reference profile density values for at least one color combination having a plurality of colors produced by a reference device using a reference colorant set, at least one overprint color combination having reference initial percent dot values (IPDVs); providing current profile density values for at least one color combination produced by a current device using a current colorant set, at least one color combination produced by the current colorant set having current IPDVs (302); quantifying current TPDVs as efficiency attributes using the current colorant set (304); and calculating factors that compensate for at least one difference between image data produced with the reference colorant set and image data to be printed with the current colorant set in response to reference efficiency attributes and current efficiency attributes, factors used to adjust and generate image data (306-310).



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 15/00; G06F 3/08; G06K 9/00.

US CL : 358/1.9, 518; 382/167.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 358/1.9, 517, 518; 382/167.

Documentation searched other than minimum documentation to the extent that such documents are included in the field searched
NONEElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim
Y, E	US 6,483,607 B1 (VAN DE CAPELLE et al) 19 February 2002, col. 14, line 41 - col. 19, line 28.	1-38
Y	US 5,493,321 A (ZWADLO) 20 February 1996, col. 7, line 33 - col. 16, line 67	1-34
A	US 6,215,562 B1 (MICHEL et al) 10 April 2001, col. 7, line 21 - col. 8, line 14.	1-34



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means	
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