

Title (en)  
METHOD AND SYSTEM FOR AUTOMATIC COLOR DETERMINATION AND CORRESPONDING COMPUTER PROGRAMME AND COMPUTER-READABLE STORAGE MEDIUM

Title (de)  
VERFAHREN UND SYSTEM ZUR AUTOMATISCHEN BESTIMMUNG VON FARBEN SOWIE EIN ENTSPRECHENDES COMPUTERPROGRAMM UND EIN ENTSPRECHENDES COMPUTERLESBARES SPEICHERMEDIUM

Title (fr)  
PROCEDE ET SYSTEME POUR LA DETERMINATION AUTOMATIQUE DE COULEURS ET PROGRAMME D'ORDINATEUR ET SUPPORT D'INFORMATION ASSOCIE LISIBLE PAR ORDINATEUR

Publication  
**EP 1766352 A1 20070328 (DE)**

Application  
**EP 05756360 A 20050629**

Priority  
• EP 2005007240 W 20050629  
• DE 102004033585 A 20040706

Abstract (en)  
[origin: DE102004033585A1] To determine a color shade automatically, at least one color to be assessed is scanned by a computer and displayed together with one or more reference colors. The reference colors are taken from the gray stages G1-G6, red, yellow, blue, white and/or black. A computer program reads the displayed data, and compares them with at least a part of stored reference colors with an automatic evaluation of the comparison. A calibration chart (1) is used, with an opening (2) for the pattern color, and squares (3) of colors and squares (5) of application oriented color references. A ring (4) of contrast values is on the chart. The opening is placed over the colored material to be assessed by scanning.

IPC 8 full level  
**G01J 3/52** (2006.01)

CPC (source: EP US)  
**G01J 3/50** (2013.01 - EP US); **G01J 3/52** (2013.01 - EP US); **G01J 3/522** (2013.01 - EP US); **G01J 2003/466** (2013.01 - EP US)

Citation (search report)  
See references of WO 2006002978A1

Designated contracting state (EPC)  
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