A METHOD AND SYSTEM FOR FORMULATING A COLOR MATCH

ABSTRACT

The present invention discloses a method and system for formulating a color match. In the present invention, there is provided a method and system for formulating a color match from a set of previously used color formulations. The present invention includes reading the color spectrum of a standard. After obtaining the color spectrum, the set of previously used color formulations are searched for a set of color formulas that approximates the color of the standard. Next, a color formula is selected from the set of color formulas that best matches the color of the standard. Then a test batch is made with the color formula having the best match and examined for its acceptability. The color formula with the best match is adapted if the formula is unacceptable. The adaptation includes at least one of manual adjusting color loadings of the color formula, synthesizing á match with the color standard, or searching through the set of previously used color formulations until there is an acceptable match. If the adapted color formula does not match the color of the standard, then the formula is further adapted until there is an acceptable match.