

Title (en)

METHOD AND SYSTEM FOR SIZE CALIBRATION

Title (de)

VERFAHREN UND SYSTEM ZUR GRÖSSENKALIBRATION

Title (fr)

PROCEDE ET SYSTEME D'ETALONNAGE DES DIMENSIONS

Publication

**EP 1537378 A1 20050608 (EN)**

Application

**EP 03795001 A 20030909**

Priority

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- EP 0310013 W 20030909

Abstract (en)

[origin: WO2004025217A1] The invention concerns a method and a system for size calibration of an electronically generated image (8, 9) of a specimen that is generated by an optical instrument (1) having a downstream digital camera (3) operable in different reproduction modes. In order to enhance image analysis reliability and decrease access times, it is proposed that firstly, for a specified reproduction mode of the camera, a reference calibration value (21c, 21d) indicating the ratio of a specimen dimension to an image dimension be determined and be stored together with the specified reproduction mode (21b); and that for size calibration, a correction factor regarding the reproduction mode be derived by means of a comparison of the stored reproduction mode (21b) to the reproduction mode (16) of the camera (3) currently in use, and from that correction factor, together with the stored reference calibration value (21c, 21d), the current calibration value be calculated.

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