

Title (en)

CORRECTED MICROSCOPE AND METHOD FOR CORRECTING THE XYZ DRIFT CAUSED BY TEMPERATURE CHANGE

Title (de)

MIKROSKOP MIT KORREKTUR UND VERFAHREN ZUR KORREKTUR DER DURCH TEMPERATURÄNDERUNG HERVORGERUFENEN XYZ-DRIFT

Title (fr)

MICROSCOPE A CORRECTION ET PROCEDE POUR CORRIGER LA DERIVE XYZ PROVOQUEE PAR UNE VARIATION DE TEMPERATURE

Publication

**EP 1549990 A1 20050706 (DE)**

Application

**EP 03769504 A 20031001**

Priority

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- EP 0350675 W 20031001

Abstract (en)

[origin: WO2004034124A1] Disclosed is a microscope (2) provided with a stand (12), a microscope stage (18) which is arranged on the stand (12) and which can be adjusted by a motor in all three spatial directions. At least one temperature sensor (30) and a command/control unit (10) are provided. The command/control unit (10) consists of a memory (9) and a microprocessor (11). A correction table (44) is stored in the memory, containing drift values for the three spatial directions (X, X and Z) as a function of temperature.

IPC 1-7

**G02B 21/24**; **G02B 21/26**

IPC 8 full level

**G02B 21/24** (2006.01); **G02B 21/26** (2006.01); **G02B 21/36** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2004034124A1

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