

Title (en)

METHOD FOR THE AUTOMATED ANALYSIS OF CELLULAR CONTRACTIONS OF A SET OF BIOLOGICAL CELLS

Title (de)

VERFAHREN ZUR AUTOMATISIERTEN ANALYSE VON ZELLULÄREN KONTRAKTIONEN EINES SATZES BIOLOGISCHER ZELLEN

Title (fr)

PROCEDE D'ANALYSE AUTOMATISEE DES CONTRACTIONS CELLULAIRES D'UN ENSEMBLE DE CELLULES BIOLOGIQUES

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Application

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Abstract (en)

[origin: CA3113884A1] The invention concerns a method for analysing the cellular contractions of cells, comprising: - Recording a sequence of images of the cells, comprising a first image (10) and a second image (20). It is essentially characterised by: - Determining the position of remarkable points (11) in the first image (10), - Determining the position of these same remarkable points (11) in the second image (20), And, for at least one remarkable point of the first image (10): - Establishing a correspondence between the remarkable point (11) of the first image (10) and a remarkable point (11) of the second image (20), and - Determining the movement of the remarkable point (11) between the first (10) and the second image (20), by comparing the position of the remarkable point (11) of the first image (10) and the position of the corresponding remarkable point (11) of the second image (20).

IPC 8 full level

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