Title (en)

MECHANICAL HANDLING SYSTEMS FOR LASER CAPTURE MICRODISSECTION

Title (de)

MECHANISCHE HANDHABUNGSSYSTEME ZUR LASERERFASSUNGS-MIKRODISSEKTION

Title (fr)

SYSTEMES DE MANUTENTION MECANIQUE DESTINES A LA MICRODISSECTION PAR PIEGEAGE LASER

Publication

EP 1053461 A1 20001122 (EN)

Application

EP 99904451 A 19990129

Priority

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- US 7348098 P 19980203

Abstract (en)

[origin: WO9939176A1] A method and apparatus of gathering by LCM identified cellular material from random locations on a tissue sample to designated locations on a transporting substrate enables convenient further processing. A transporting substrate has an identified mapped location for receiving identified cellular material. At least a segment of a selectively activatable coating is placed on the side of the transporting substrate in apposition to the tissue sample at the mapped location. The transporting substrate and sample are relatively moved to place the selectively activated coating at the mapped location in apposition to identified cellular material of the tissue sample which is to be extracted. Thereafter, the selectively activatable coating is activated and impressed or impressed and activated to form an adhesive region on the transporting substrate for adhering to the identified cellular material. Upon removal of the transporting substrate from the tissue sample, identified cellular material adheres to the transporting substrate at the mapped location.

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G01N 1/28

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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