

Title (en)
METHOD AND DEVICE FOR THE DIGESTION OF BIOLOGICAL CELLS

Title (de)
VERFAHREN UND VORRICHTUNG FÜR DAS AUFSCHLIEßEN VON BIOLOGISCHEN ZELLEN

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR LA DÉSAGRÉGATION DE CELLULES BIOLOGIQUES

Publication
EP 2235157 A1 20101006 (DE)

Application
EP 09703275 A 20090115

Priority
• EP 2009050440 W 20090115
• EP 08150595 A 20080124
• EP 09703275 A 20090115

Abstract (en)
[origin: EP2083069A1] The method comprises delivering cells together with pellet or particle (4) and a lyse buffer in a vessel (1) and then digesting through a magnetic stirrer with stirrer elements through bacteria or fungus. A stirrer rod (3) of the stirrer is arranged transversely relative to the base (5) of the vessel and is horizontally arranged. A mixing tool or stirrer element is rotated for stirring maximum 10 minutes with or without changing of the rotation direction. The buffer solution is sucked off with the cells present in the buffer solution in connection to the digestion over a line (7). The method comprises delivering cells together with pellet or particle (4) and a lyse buffer in a vessel (1) and then digesting through a magnetic stirrer with stirrer elements through bacteria or fungus. A stirrer rod (3) of the stirrer is arranged transversely relative to the base (5) of the vessel and is horizontally arranged. A mixing tool or stirrer element is rotated for stirring maximum 10 minutes with or without changing of the rotation direction. The buffer solution is sucked off with the cells present in the buffer solution during the digestion over a line (7) that ends at the base of the vessel. The stirrer element is driven related to the vessel in contact-free manner. The solution consists of additional enzymes for the cell. An independent claim is included for a device for the digestion of biological cells.

IPC 8 full level
C12N 1/06 (2006.01); **C12M 1/33** (2006.01); **C12M 3/08** (2006.01)

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Citation (search report)
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