

Title (en)
DYNAMIC SUPERPARAMAGNETIC MARKERS

Title (de)
DYNAMISCHE SUPERPARAMAGNETISCHE MARKER

Title (fr)
MARQUEURS DYNAMIQUES SUPERPARAMAGNETIQUES

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Application
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Abstract (en)
[origin: WO0181923A1] The invention relates to: the use of dynamic magnetic fields (DM fields) or DM field generators for identifying and/or sorting cells, cell components or pathogens; the use of said fields or field generators for eliminating pathogens contained in liquids; methods or procedures for treating infected cells or tumour cells; the use of superparamagnetically marked active substances for producing a preparation to be used in a method for treating infected cells or tumour cells, said method comprising treatment with a DM field or DM field generator; and the combination of superparamagnetically marked active substances or superparamagnetic beads with a DM field generator. Fig. 3 illustrates the example of a microscope (12), under which a superparamagnetically marked sample (15) is subjected to the DM alternating field that is created by the field generator (11), thus setting the displaced marked objects (e.g. cells) in motion. Said cells can then be identified in a specific manner.

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