

Title (en)
FIELD CAGE AND ASSOCIATED OPERATING METHOD

Title (de)
FELDKÄFIG UND ZUGEHÖRIGES BETRIEBSVERFAHREN

Title (fr)
CAGE DE CHAMPS ET PROCEDE D'EXPLOITATION AFFERENT

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Application
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Abstract (en)
[origin: WO2008055641A1] The invention relates to a field cage (1) for spatially fixing suspended particles (10) by means of an electrical captive field, with at least six cage electrodes (2 - 9) for producing the captive field, wherein the cage electrodes (2 - 9) have at least two different phase angles, and at least one electrode plane, in which a plurality of the cage electrodes (2 - 9) are arranged, wherein the electrode plane is aligned substantially at right angles with respect to an external force of gravity (g). The invention proposes that two directly adjacent cage electrodes (2 - 9) have the same phase angle in the electrode plane. Furthermore, the invention comprises a corresponding operating method.

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