

Title (en)

METHODS AND SYSTEMS FOR NUCLEIC ACID AMPLIFICATION AND SEQUENCING

Title (de)

VERFAHREN UND SYSTEME ZUR AMPLIFIKATION UND SEQUENZIERUNG VON NUKLEINSÄUREN

Title (fr)

MÉTHODES ET SYSTÈMES D'AMPLIFICATION ET DE SÉQUENÇAGE D'ACIDE NUCLÉIQUE

Publication

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Application

**EP 21753841 A 20210212**

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- US 2021018032 W 20210212

Abstract (en)

[origin: WO2021163621A2] Disclosed herein are methods and systems for nucleic acid amplification, processing nucleic acid molecules, and sequencing nucleic acid molecule. The systems and methods described herein provide for blocking subsets of probes used for nucleic acid amplification and nucleic acid amplification at a subset of probes used for nucleic acid amplification. The systems and methods described herein provide for multiplexed sequencing of nucleic acid molecules. The systems and methods described herein thereby provide for sequencing one or more nucleic acid molecules substantially simultaneously. The systems and methods described herein provide for efficient incorporation of nucleotide bases. The systems and methods described herein thereby provide for sequencing one or more nucleic acid molecules with reduced dephasing.

IPC 8 full level

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CPC (source: EP)

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C-Set (source: EP)

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