

Title (en)

METHOD FOR PRIMER EXTENSION REACTION WITH IMPROVED SPECIFICITY

Title (de)

VERFAHREN ZUR PRIMER-VERLÄNGERUNGSREAKTION MIT VERBESSERTER SPEZIFITÄT

Title (fr)

PROCÉDÉ POUR RÉACTION D'ALLONGEMENT D'AMORCE AVEC UNE MEILLEURE SPÉCIFICITÉ

Publication

**EP 3759247 A1 20210106 (DE)**

Application

**EP 19711506 A 20190226**

Priority

- EP 18158720 A 20180226
- DE 102018001639 A 20180228
- EP 18195189 A 20180918
- EP 2019054755 W 20190226

Abstract (en)

[origin: WO2019162529A1] The invention relates to a method for extending a primer oligonucleotide having improved specificity using a particular primer oligonucleotide and a controller nucleotide sequence, wherein the controller oligonucleotide enables a strand opening in a double strand of the extension product and die in a sequence-specific manner. The invention furthermore relates to a corresponding kit for carrying out the method according to the invention.

IPC 8 full level

**C12Q 1/6848** (2018.01)

CPC (source: EP US)

**C12Q 1/6848** (2013.01 - EP US); **C12Q 1/6853** (2013.01 - US); **C12Q 2525/113** (2013.01 - US); **C12Q 2525/121** (2013.01 - US); **C12Q 2525/125** (2013.01 - US); **C12Q 2525/161** (2013.01 - US); **C12Q 2525/186** (2013.01 - US); **C12Q 2525/204** (2013.01 - US); **C12Q 2537/161** (2013.01 - US); **C12Q 2537/163** (2013.01 - US)

Citation (search report)

See references of WO 2019162529A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2019162529 A1 20190829**; EP 3759247 A1 20210106; US 2021071243 A1 20210311

DOCDB simple family (application)

**EP 2019054755 W 20190226**; EP 19711506 A 20190226; US 201916975542 A 20190226