

Title (en)
METHODS AND DEVICE TO BALANCE RADIATION TRANSFERENCE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM AUSGLEICH VON STRAHLUNGSÜBERTRAGUNG

Title (fr)
PROCÉDÉS ET DISPOSITIF POUR ÉQUILIBRER LE TRANSFERT DE RAYONNEMENTS

Publication
EP 2798054 A4 20150805 (EN)

Application
EP 12861881 A 20121228

Priority
• SG 201109702 A 20111228
• SG 2012000492 W 20121228

Abstract (en)
[origin: WO2013100859A1] A method and device for adjusting the temperature of a sample by heating a substrate with a laser diode light; said light projected on to the substrate to absorb the light and convert the light energy to a heat energy thereby raising the temperature of the substrate corresponding to the intensity of the light energy, the substrate configured to transfer the thermal energy substantially homogeneously to the sample. The device or method suitable for amplification of a nucleic acid sample.

IPC 8 full level
C12M 1/02 (2006.01); **B01L 7/00** (2006.01); **C12Q 1/68** (2006.01); **F28C 3/00** (2006.01); **F28C 3/10** (2006.01); **H05B 7/18** (2006.01)

CPC (source: EP US)
B01L 7/52 (2013.01 - EP US); **C12Q 1/686** (2013.01 - US); **H05B 7/18** (2013.01 - US); **B01L 2300/1805** (2013.01 - EP US); **B01L 2300/1861** (2013.01 - EP US); **B01L 2300/1872** (2013.01 - EP US)

Citation (search report)
• [X] WO 9641864 A1 19961227 - UNIV CALIFORNIA [US]
• [X] US 2010323923 A1 20101223 - CORBETT JOHN [AU]
• [X] US 2005287661 A1 20051229 - LANDERS JAMES [US]
• See references of WO 2013100859A1

Cited by
CN107921399A

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

DOCDB simple family (publication)
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