

Title (en)  
DEVICE FOR POLYMERASE CHAIN REACTION VIA THERMAL CONVECTION

Title (de)  
VORRICHTUNG FÜR POLYMERASEKETTENREAKTIONEN MIT THERMISCHER KONVEKTION

Title (fr)  
DISPOSITIF POUR UNE RÉACTION EN CHAÎNE DE LA POLYMÉRASE par CONVECTION THERMIQUE

Publication  
**EP 2784150 A1 20141001 (EN)**

Application  
**EP 11876152 A 20111122**

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Abstract (en)  
Provided in the present invention is a device (10) for thermal convection polymerase chain reaction (PCR). The device (10) is used for bearing a heat radiating base (20) which has a body (22) and a passage (24) provided through the body (22) to be used for the insertion of the test tube (12), wherein the passage (24) has a large diameter section (241) and a small diameter section (242) positioned below the large diameter section (241). Therefore, it can be ensured that during the PCR process the surface temperature of the mixed liquid is lower than the temperature required in a primer annealing reaction.

IPC 8 full level  
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Cited by  
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