

Title (en)  
THERMAL BLOCK

Title (de)  
WÄRMEBLOCK

Title (fr)  
BLOC THERMIQUE

Publication  
**EP 3814013 A4 20220330 (EN)**

Application  
**EP 19826511 A 20190628**

Priority  
• KR 20180074957 A 20180628  
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Abstract (en)  
[origin: WO2020004999A1] The present disclosure relates to a thermal block for performing a plurality of reactions. In the thermal block, a plurality of sample wells are regularly arranged, and non-sample holes smaller than the sample wells are provided. Two or more non-sample holes are provided in a unit area defined by connecting central points of four adjacent sample wells among the plurality of sample wells in the thermal block. The thermal block prevents an error in which a reaction vessel may be erroneously fitted while minimizing the amount of thermal energy necessary to change the temperature thereof. The thermal block has superior durability to conventional thermal blocks.

IPC 8 full level  
**B01L 7/00** (2006.01); **B01L 3/00** (2006.01); **B01L 9/00** (2006.01); **B01L 9/06** (2006.01)

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Citation (search report)  
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• [A] US 2014154734 A1 20140605 - LO SHIH-LI L [US]  
• [A] US 2003072685 A1 20030417 - GOLDMAN JEFFREY A [US], et al  
• [A] WO 2006124512 A2 20061123 - APPLERA CORP [US], et al  
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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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KR 20210014739 A 20210209

DOCDB simple family (application)  
**KR 2019007858 W 20190628**; EP 19826511 A 20190628; KR 20217001803 A 20190628