

Title (en)

System for carrying out thermal reaction processes without contamination

Title (de)

System zur kontaminationsfreien Bearbeitung von thermischen Reaktionsprozessen

Title (fr)

Système d'exécution de procédures de réactions thermiques sans contamination

Publication

**EP 0836884 A2 19980422 (DE)**

Application

**EP 97118138 A 19971018**

Priority

DE 19643320 A 19961021

Abstract (en)

System to apply a heat reaction to liquids has  $\geq 1$  vessel, with  $\geq 1$  inner fluid-tight closure. At least 1 outer closure can give a pressure seal to the vessels. Also claimed is an operation to carry the liquid through a pipette unit, which can be given inner and outer seals. The outer seals are removed from the vessel(s), and the pipette is inserted through the inner seal(s). The liquid is extracted from the vessel(s) into the pipette unit, or a liquid is discharged from the pipette system into the vessel(s).

Abstract (de)

Ein System mit Zweikomponentendichtung aus einem inneren flüssigkeitsdichten Dichtelement (2) mit einer Öffnung (4) und einem äußeren, druckdichten Dichtelement (3) und einem Reaktionsgefäß (1) ist besonders geeignet zum Transport von Flüssigkeiten in einem solchen System sowie Temperaturbehandlungen in ihm. <IMAGE>

IPC 1-7

**B01L 3/00**; **B01L 7/00**

IPC 8 full level

**G01N 1/00** (2006.01); **B01L 3/00** (2006.01); **B01L 3/14** (2006.01); **G01N 1/28** (2006.01)

CPC (source: EP)

**B01L 3/50825** (2013.01); **B01L 3/50851** (2013.01); **B01L 3/50853** (2013.01)

Cited by

EP1638688A4; NL1012996C2; US8211710B2; ITRM20110226A1; US7550291B2; EP2752671A3; EP3379255A4; US7993548B2; WO0226384A3; WO0117682A1; WO2007029101A3; WO2005097323A1; USRE39566E; US11262373B2; US8152016B2; US8323588B2; US6875604B2; US7169355B1; US9829416B2; WO2021231938A1

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