

Title (en)  
Reactor System

Title (de)  
Reaktorsystem

Title (fr)  
Système réacteur

Publication  
**EP 2100667 A1 20090916 (EN)**

Application  
**EP 08102162 A 20080229**

Priority  
EP 08102162 A 20080229

Abstract (en)  
A reactor system (100) for carrying out a reaction, wherein the reactor system comprises at least one reaction chamber (110) for holding reactants of the reaction; a thermal element (120) for heating or cooling the reactants of the reaction chamber (110); and an insulator (130), wherein the insulator (130) has a substantially high thermal resistance along a first axis (152) as compared to the thermal resistance along a second axis (154). The varying thermal resistance of the insulator (130) ensures a homogeneous temperature through out the reaction chamber (110).

IPC 8 full level  
**B01J 19/00** (2006.01); **B01L 3/00** (2006.01); **B01L 7/00** (2006.01)

CPC (source: EP)  
**B01L 3/50851** (2013.01); **B01L 7/52** (2013.01); **B01L 2300/123** (2013.01); **B01L 2300/1805** (2013.01); **B01L 2300/1883** (2013.01)

Citation (applicant)  
US 5882903 A 19990316 - ANDREVSKI ZYGMUNT M [US], et al

Citation (search report)  
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• [X] US 2004043479 A1 20040304 - BRISCOE CYNTHIA G [US], et al  
• [DY] US 5882903 A 19990316 - ANDREVSKI ZYGMUNT M [US], et al  
• [Y] WO 2007004103 A1 20070111 - KONINKL PHILIPS ELECTRONICS NV [NL], et al  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2100667 A1 20090916**; WO 2009107065 A1 20090903

DOCDB simple family (application)  
**EP 08102162 A 20080229**; IB 2009050745 W 20090225