

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
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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)
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DOCDB simple family (application)
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