

Title (en)

PROCESS FOR PREPARING BENZENE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BENZOL

Title (fr)

PROCÉDÉ DE PRODUCTION DE BENZÈNE

Publication

**EP 2379677 A2 20111026 (DE)**

Application

**EP 09796946 A 20091204**

Priority

- EP 2009008672 W 20091204
- DE 102008064276 A 20081220

Abstract (en)

[origin: WO2010069487A2] The present invention relates to a process for the endothermic, catalytic gas-phase reaction of naphtha with hydrogen to form benzene, in which the reaction is carried out under adiabatic conditions in from 5 to 12 reaction zones connected in series.

IPC 8 full level

**C07C 5/32** (2006.01); **C07C 5/41** (2006.01); **C07C 15/02** (2006.01); **C10G 35/04** (2006.01)

CPC (source: EP US)

**C07C 5/367** (2013.01 - EP US); **C07C 5/417** (2013.01 - EP US); **C10G 35/04** (2013.01 - EP US); **C07C 2521/04** (2013.01 - EP US);  
**C07C 2523/36** (2013.01 - EP US); **C07C 2523/42** (2013.01 - EP US); **C10G 2400/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2010069487A2

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010069487 A2 20100624; WO 2010069487 A3 20100923;** DE 102008064276 A1 20100701; EP 2379677 A2 20111026;  
US 2011303581 A1 20111215

DOCDB simple family (application)

**EP 2009008672 W 20091204;** DE 102008064276 A 20081220; EP 09796946 A 20091204; US 200913140458 A 20091204