

Title (en)
RUTHENIUM CATALYSTS FOR THE CATALYTIC GAS-PHASE OXIDATION OF HYDROGEN CHLORIDE WITH OXYGEN (DEACON METHOD)

Title (de)
RUTHENIUMKATALYSATOREN FÜR DIE KATALYSHE GASPHASNOXIDATION VON CHLORWASSERSTOFF MIT SAUERSTOFF (DEACON VERFAHREN)

Title (fr)
CATALYSEURS AU RUTHÉNIUM POUR L'OXYDATION CATALYTIQUE EN PHASE GAZEUSE DU CHLORURE D'HYDROGÈNE AVEC DE L'OXYGÈNE (PROCÉDÉ DEACON)

Publication
EP 2142296 A1 20100113 (DE)

Application
EP 08735261 A 20080416

Priority
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• DE 102007020143 A 20070426

Abstract (en)
[origin: US2008267857A1] Oxidation catalysts comprising one or more ruthenium compounds and one or more promoters selected from the group consisting of zirconium halides, alkali metal halides, alkaline earth metal halides and lanthanum compounds, wherein the molar ratio of promoter to ruthenium is in the range of from 1:100 to 1:1; as well as processes for their preparation and use.

IPC 8 full level
B01J 23/58 (2006.01); **B01J 23/63** (2006.01); **B01J 27/10** (2006.01); **B01J 27/13** (2006.01); **B01J 27/135** (2006.01); **B01J 27/138** (2006.01); **C01B 7/04** (2006.01)

CPC (source: EP KR US)
B01J 23/58 (2013.01 - KR); **B01J 23/626** (2013.01 - EP US); **B01J 23/63** (2013.01 - EP KR US); **B01J 27/13** (2013.01 - EP KR US); **B01J 27/135** (2013.01 - EP US); **B01J 27/138** (2013.01 - EP US); **C01B 7/04** (2013.01 - EP KR US); **B01J 23/462** (2013.01 - EP US); **B01J 23/58** (2013.01 - EP US); **B01J 37/0207** (2013.01 - EP US)

Citation (search report)
See references of WO 2008131857A1

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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

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