

Title (en)

PROCESS FOR THE OXIDATION OF A GAS CONTAINING HYDROGEN CHLORIDE

Title (de)

VERFAHREN ZUR OXIDATION EINES CHLORWASSERSTOFF ENTHALTENDEN GASES

Title (fr)

PROCÉDÉ D'OXYDATION D'UN GAZ CONTENANT DU CHLORURE D'HYDROGÈNE

Publication

EP 2038212 A1 20090325 (DE)

Application

EP 07725288 A 20070516

Priority

- EP 2007004372 W 20070516
- DE 102006024548 A 20060523

Abstract (en)

[origin: WO2007134775A1] The present invention relates to a process for preparing chlorine from a gas containing hydrogen chloride and carbon monoxide, which comprises the step of catalysed oxidation of the carbon monoxide and, if applicable, further oxidizable constituents to carbon dioxide by means of oxygen in an upstream reactor under adiabatic conditions.

IPC 8 full level

C01B 7/04 (2006.01); **C01B 32/50** (2017.01); **C07C 263/10** (2006.01)

CPC (source: EP KR US)

C01B 7/04 (2013.01 - EP KR US); **C01B 7/0706** (2013.01 - EP US); **C01B 32/50** (2017.07 - EP KR US)

Citation (search report)

See references of WO 2007134775A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006024548 A1 20071129; CN 101448736 A 20090603; EP 2038212 A1 20090325; JP 2009537451 A 20091029; KR 20090015982 A 20090212; RU 2008150589 A 20100627; TW 200808654 A 20080216; US 2010266481 A1 20101021; WO 2007134775 A1 20071129

DOCDB simple family (application)

DE 102006024548 A 20060523; CN 200780018549 A 20070516; EP 07725288 A 20070516; EP 2007004372 W 20070516; JP 2009511380 A 20070516; KR 20087031118 A 20081222; RU 2008150589 A 20070516; TW 96118056 A 20070522; US 75237407 A 20070523