

Title (en)

METHOD AND DEVICE FOR PRODUCING SILICON

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON SILIZIUM

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR PRÉPARER DU SILICIUM

Publication

EP 2203248 A1 20100707 (DE)

Application

EP 08840408 A 20081017

Priority

- EP 2008064034 W 20081017
- DE 102007050010 A 20071017

Abstract (en)

[origin: WO2009050264A1] The present invention relates to a method for producing pure silicon from, for example, optionally doped quartz sand, by thermal reduction in a microwave oven.

IPC 8 full level

B01J 19/12 (2006.01); **C01B 33/025** (2006.01); **C30B 13/00** (2006.01)

CPC (source: EP US)

B01J 19/126 (2013.01 - EP US); **C01B 33/023** (2013.01 - EP US); **C01B 33/025** (2013.01 - EP US); **H05B 6/80** (2013.01 - EP US)

Citation (search report)

See references of WO 2009050264A1

Citation (examination)

CN 1935648 A 20070328 - UNIV HUANAN TECHNOLOGY [CN]

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)

WO 2009050264 A1 20090423; CA 2703040 A1 20090423; DE 102007050010 A1 20090625; EP 2203248 A1 20100707; JP 2011500495 A 20110106; JP 5383688 B2 20140108; US 2010284887 A1 20101111

DOCDB simple family (application)

EP 2008064034 W 20081017; CA 2703040 A 20081017; DE 102007050010 A 20071017; EP 08840408 A 20081017; JP 2010529396 A 20081017; US 68291708 A 20081017